CITY OF REGINA

HEALTH DEPARTMENT

ANNUAL REPORT 1983

CITY OF REGINA

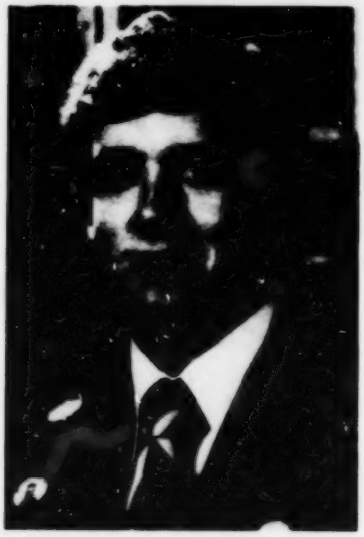
HEALTH DEPARTMENT

P. A. HUTCHISON, M.D., F.R.C.P.(C)
Medical Health Officer

CENTRAL OFFICE: 1910 McINTYRE ST.
(Branch Office: 204 Wascana St.)
REGINA, SASKATCHEWAN
S4P 2R3

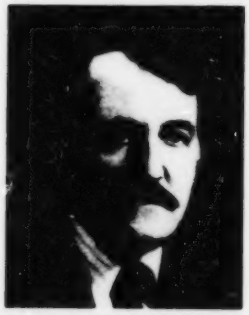
PHONE NUMBER 522-3621
AREA CODE 306

REGINA CITY COUNCIL 1983

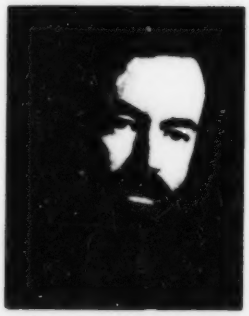


His Worship L. P. Schneider

Alderman G. J. Kleisinger
Division 1

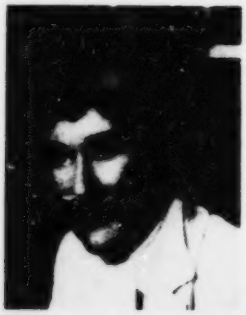


Alderman T. Cholod
Division 2



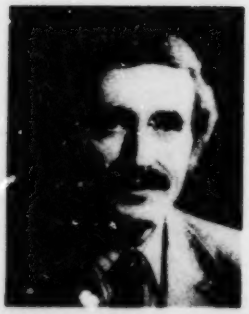
Alderman M. Hanley
Division 3

Alderman L. Ooms
Division 4



Alderman W. R. Staff
Division 5

Alderman H. Van Mulligen
Division 6



Alderman W. J. McKeown
Division 7

Alderman E. Strass
Division 8

Alderman V. A. McGregor
Division 9

Alderman S. E. Oxelgren
Division 10

REGINA CITY HEALTH DEPARTMENT 1983

Dr. T. Y. Chiao
(to January 31)

Medical Health Officer

Dr. P. A. Hutchison

Miss C. Lewis
Chief Clerk

Mrs. J. Fowler
Director of Nursing

Mrs. E. R. Vawter
Nutritionist

Miss L. Greaves
Biostatistician

Mr. M. Markewich
Chief Public
Health Inspector

TABLE OF CONTENTS*

	Page
Board of Health	1
Health Department	1
Goals and Objectives	2
Department Organization Chart	3
Health Department Personnel	4-7
Report of the Medical Health Officer	8-12
Maternal and Child Health Division	13
Public Health Nursing Division	14-25
Immunization and Communicable Disease Control	26-28
Environmental Health Division	29-41
Nutrition Division	42-45
Biostatistics Division	46-53
Business Office	54
Financial Report	55

*Division statistics appear at the end of each division's report

BOARD OF HEALTH

Alderman G. J. Kleisinger, Chairman

Alderman M. Hanley

Alderman L. Ooms

His Worship, Mayor L. Schneider, Ex-officio

Secretary: City Clerks' Office

HEALTH DEPARTMENT

Medical Health Officer	T. Y. Chiao, M.D., M.P.H. (to January 31) P. A. Hutchison, M.D., F.R.C.P.(C)
Assistant Medical Health Officer	P.A. Hutchison (to January 31) Vacant (after January 31)

DIVISION DIRECTORS

Maternal and Child Health Division	D. Grocott, M.D., F.R.C.P. (C) (part time)
Public Health Nursing Division	Mrs. J. Fowler, R.N., B.Sc.N., M.H.Sc.
Environmental Health Division	Mr. M. Markewich, C.P.H.I.(C)
Biostatistician	Miss P.L. Greaves, B.A., Dip. Ed.
Public Health Nutrition Division	Mrs. E.R. Vawter, B.Sc.H.E., P.Dt.
Business Office, Chief Clerk	Miss C.J. Lewis

GOALS

Promotion of health and personal well-being

Promotion of healthful environment

Prevention of illness and disability
ON A COMMUNITY BASIS

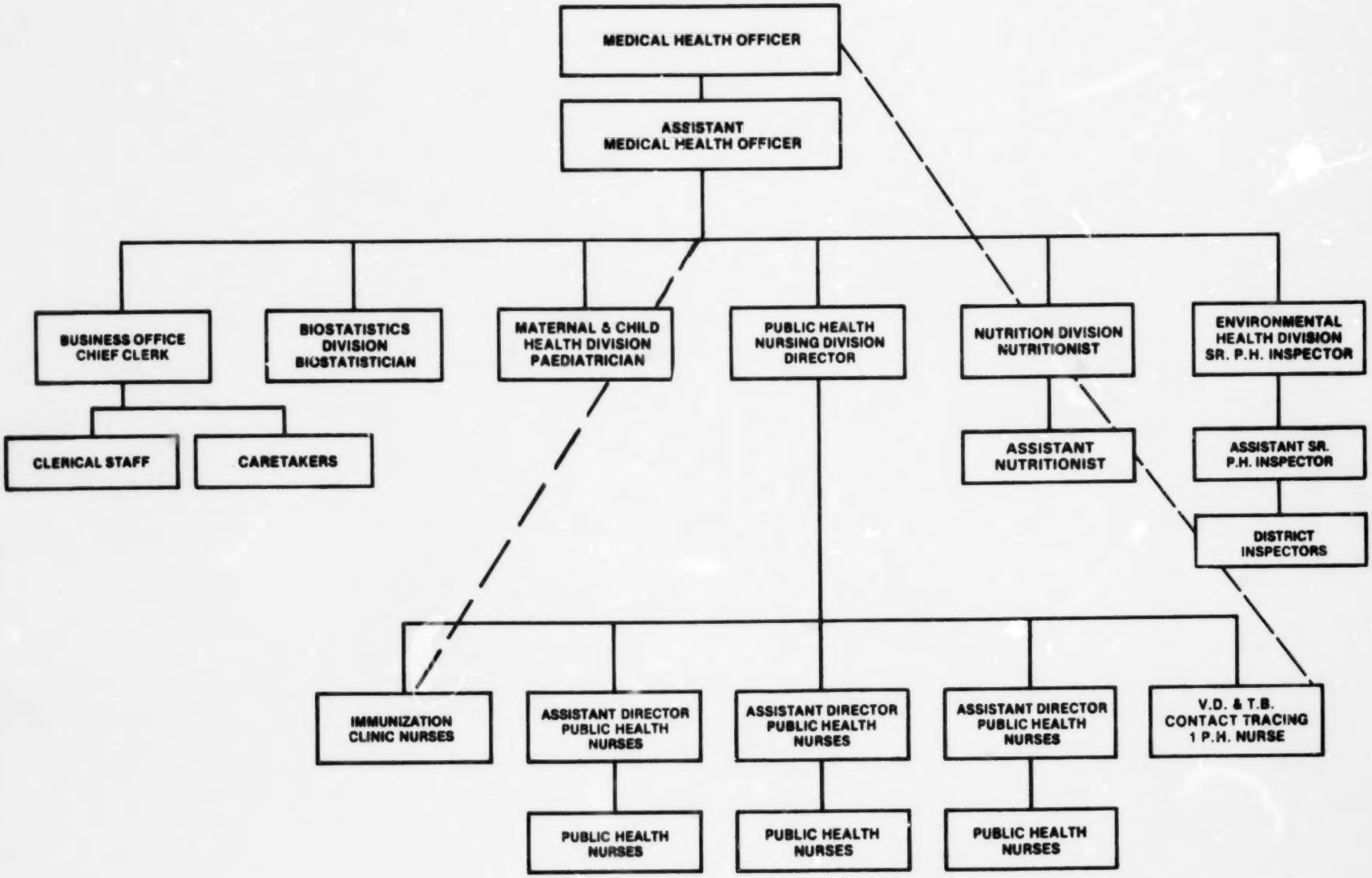
GLOBAL OBJECTIVES

* To assess the health needs of community and individuals in Regina;
* To organize, co-ordinate and deliver appropriate community health services;
* To encourage community participation in the programs and utilization of services offered;
* To motivate individuals towards improving and/or changing life styles;
* To co-operate with other agencies providing health care and services.

REALIZATION OF GOALS AND OBJECTIVES REQUIRES

- Professional expertise and enthusiasm
- Adequate staffing
- Adequate physical facilities
- Adequate operating budget
- Support of the community

ORGANIZATION CHART
CITY OF REGINA HEALTH DEPARTMENT



HEALTH DEPARTMENT STAFF

MEDICAL HEALTH OFFICER

J.T.Y. Chiao, M.D., M.P.H.
(retired January 30, 1983)

P.A. Hutchison, M.D., C.M., F.R.C.P. (C)

ASSISTANT MEDICAL HEALTH OFFICER

P.A. Hutchison, M.D., C.M., F.R.C.P.(C) (to January 31)
(Vacant after January 31)

MATERNAL AND CHILD HEALTH DIVISION

D. Grocott, M.D., F.R.C.P.(C) (part-time)

ENVIRONMENTAL HEALTH DIVISION

SENIOR PUBLIC HEALTH INSPECTOR: M. Markewich, C.P.H.I.(C)

ASSISTANT SENIOR PUBLIC HEALTH INSPECTOR: G.A. Booty, C.P.H.I.(C)

PUBLIC HEALTH INSPECTORS:
L.O. Boris, C.P.H.I.(C)
E. Devine, B.Sc., C.P.H.I.(C)
J.M. Gattinger, C.P.H.I.(C)
J.D. Klein, B.Sc., C.P.H.I.(C)
E.D. Kosten, C.P.H.I.(C)
L.H. Morgan, C.P.H.I.(C)
S. Pappas, B.Sc., C.P.H.I.(C)
I. Vettoretti, C.P.H.I.(C), B.P.H.E.(H), C. Occ. H.S.

NURSING DIVISION

DIRECTOR: J.D. Fowler, R.N., B.Sc.N., M.H.Sc.

ASSISTANT DIRECTORS:
J. Anderson, R.N., B.Sc.N.
E. Helfrich, R.N., Dip. Hosp. Ser. Admin., Dip. P.H.N., B.Sc. N.
M. Scott, R.N., B.Sc.N.

PUBLIC HEALTH NURSES:
C. Anderson, R.N.
M. Benz, R.N., B. Sc. N.
C. Biholar, R.N., B.Sc. N.
M. Bjerke, R.N., Dip, P.H.N. (Began September 7)
L. Boldt, R.N., B.Sc.N.
L. Boyd, R.N., B.Sc. N. (to September 1983)

PUBLIC HEALTH NURSES: continued

F. Buzash, R.N., Dip. P.H.N.
R.V. Cheberiak, R.N., B.Sc. N.
I.F. Cornelson, R.N.
K. Davidson, R.N., B. Sc. N. (Began October)
L. Demmans, R.N., B.Sc.N.
H. Forbes, R.N., B.Sc. N.
S. Gee, R.N., B.Sc.N. (to August)
S.L. Goldie, R.N., B.Sc.N.
I. Grzesina, R.N., B.Sc.N.
D. Hartung, R.N.
G. Hebert, R.N.
Sister R. Herle, R.N., B.Sc.N.
S. Hinds, R.N., B.Sc.N. (to November)
M. Hughes, R.N., B.Sc.N.
N. Hunter, R.N., B.Sc.N.
A. Ilg, R.N., B.Sc.N.
N. Kot, R.N., B.Sc.N.
T. Leon, R.N., B.Sc.N.
E. Love, R.N.
E. MacDonald, R.N.
K. MacDougall, R.N., B.Sc.N.
A. Mario, R.N., B.Sc.N.
B. McMurchie, R.N. (March to December)
N. Moffatt, R.N. (Retired February)
P. Pauls, R.N., Dip. P.H.N. (Began December)
V.M. Peterson, R.N., B.Sc.N.
S. Rendall, R.N., B.Sc.N. (Began October)
R. Sachdeva, R.N., B.Sc.N. (Began July)
K. Schick, R.N., B.Sc.N.
A. Soloduk, R.N., B.Sc.N.
J. Tarr, R.N., B.Sc.N.
N. Wong, R.N., B.Sc.N.
D. Youck, R.N., B.Sc.N. (to October)

Casual Staff:

D. Crane, R.N., B.Sc.N.
M. Fahlman, R.N., B.Sc.N.
S. Kyrylchuk, R.N., B.Sc.N.

Canada Community Development Project

M. Fahlman, R.N., B.Sc.N.) Project Supervisor
K. McAllister, R.N., B.Sc.N.)(Shared position - to February)

Wanda Burns)
Violet Charles) Native Community
Phyllis Thomson (Began April)) Health Workers
Blanche Smith (Began October))

NUTRITION DIVISION

NUTRITIONIST: E.R. Vawter, B.Sc. H.E., P.Dt.

ASSISTANT NUTRITIONIST: J.S. Charlton, B.S.H.Ec., P.Dt.

BIOSTATISTICS DIVISION

BIOSTATISTICIAN: L. Greaves, B.A., Dip. Ed.

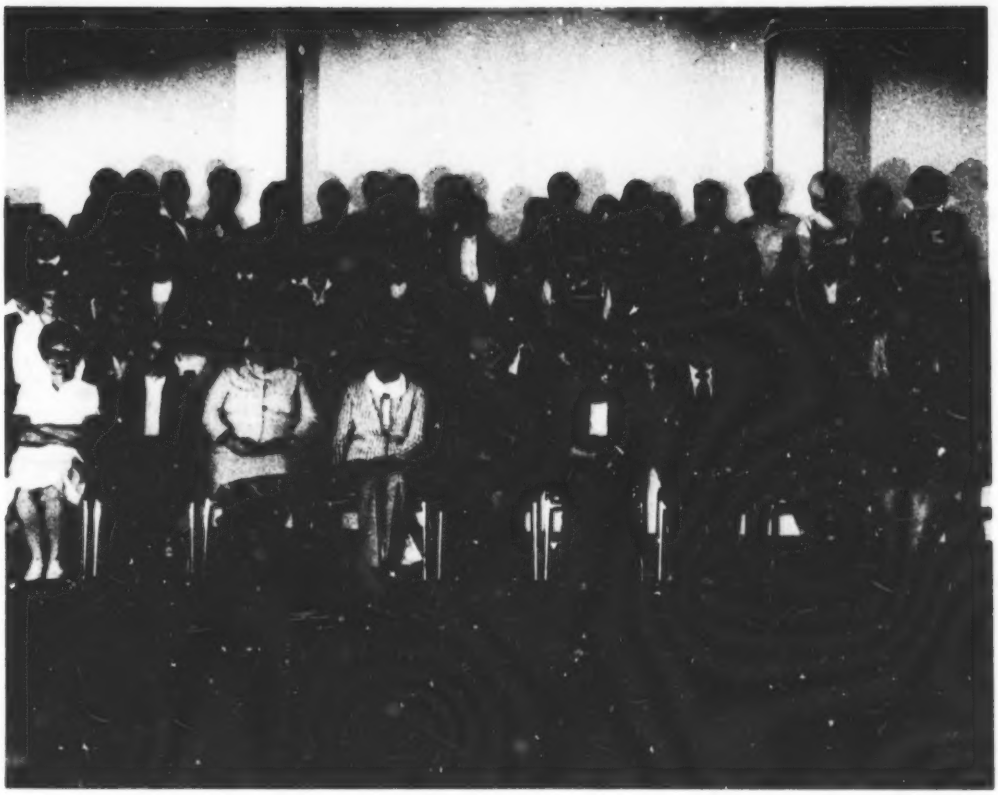
BUSINESS OFFICE

CHIEF CLERK: C. J. Lewis

STENOGRAPHIC AND CLERICAL STAFF:
- C. Balaski
- S. Bien
- S. Carlston (began December)
- M. Johnson
- R. McLennan
- M.M. Poncsak
- D. Putz (to November)
- D. M. West
- E. E. Wolbaum

CARETAKERS:
- G. MacDonald
- F. Medernach
- R. Shea

HEALTH DEPARTMENT STAFF - 1983



First row: Ev Macdonald, Karen Davidson, Janet Fowler, Ruth Vawter, Dr. P.A. Hutchison, Janet Anderson, Mike Markewich, Lynn Greaves, Carol Lewis

Second row: Maureen Hughes, Marg Benz, Sharon Kyrylchuk, Esther Love, Marion Bjerke, Heather Forbes, Nina Wong, Val Cheberiak, Tina Leon, Gerry Hebert, Ida Cornelson, Sr. Rosina Herle, Chi Troung, Darleen Fischer

Third row: Fran Buzash, June Tarr, Karen MacDougall, Phyllis Pauls, Nancy Hunter, Sandra Rendall, Lillian Demmans, Annette Mario, Audrey Soloduk, Rupinder Sachdeva, Donna Hartung, Lorne Morgan, Verity Peterson

Fourth row: Lorraine Boldt, Arlene Ilg, Eleanore Helfrich, Cecilia Balaski, Nancy Kot, Joanne Charlton, Donna West, Len Boris, George Booty, Ted Devine, Mary Scott, Marg Poncsak, Rose McLennan, Ida Vettoretti, Mavis Johnson, Susan Bien, Sharon Carlston, Ric Shea, George MacDonald, Bev Lier, Sam Pappas, John Klien

Missing: Dave Kosten, Francis Medernach, Elaine Wolbaum, Carol Anderson, Christine Biholar, Sandra Goldie, Ida Grzesina, Jake Gattinger, Kathy Schick

REPORT OF THE MEDICAL HEALTH OFFICER

It has been said "The mission of public health is to improve and protect the health of human communities".

Each year, the publication of our annual report affords senior staff and myself an opportunity to record and review departmental work and activities with the above in mind.

The Medical Health Officer's report as outlined in the following paragraphs is intended only to highlight activities and developments in the department during the period under review. Those wishing detailed information in specific areas should turn to the appropriate section.

STAFFING

If one were to characterize 1983, it would be as a year of transition in that there were a number of major staff changes in the department. On January 31, 1983, Dr. T.Y. Chiao retired after almost 20 years service as Medical Health Officer of Regina. On February 28, Mrs. Norma Moffatt retired as senior nurse in the Immunization Clinic. She had been with the department since 1962. In her place, Mrs. Ev Macdonald was appointed as senior immunization nurse. Dr. P.A. Hutchison was Acting Medical Health Officer from February 1 to August 24, when she was appointed Medical Health Officer. During the year, the department was fortunate to have the services of Dr. D. Grocott on a part-time basis in those Child Health Clinics which normally offered the services of the Pediatrician. Near the end of 1983, the position of Assistant Medical Health Officer was advertised, and Dr. C. Carver recruited to begin in February, 1984.

Other than the positions mentioned above, the turnover of our very excellent staff was less than average.

BUDGET

The budget is a major factor in assuring that the department can initiate and maintain programs. During 1983, our budget was $2,240,900. Of this, $651,100 or 28% was provided by Provincial Health Department grants.

The budget permitted the addition of a district health nurse position (the thirtieth) for the department. It also provided supplemental funding so that our Native Community Health Workers program, begun in February, 1982, could continue. This has been funded through joint City and Federal Canada Community Development Project monies.

NEW INITIATIVES DURING 1983

During the past six months, several new or intensified programs have been developed. They may be summarized as follows:

1. A Developmental Assessment Project for three and one-half to four and one-half year old children was begun by the Public Health Nursing division during the summer. In previous years, a less comprehensive program was offered to pre-kindergarten children about to start school in the fall. The objective of this year's project was to identify earlier in life those children needing help so that remediation (if required) could occur and disability could be minimized. It is a continuation of the prenatal, postnatal and child health clinic services. The parents of all children born in 1979 were invited to make an appointment at the Health Department in order to have their children receive an assessment of vision, hearing, speech, general development, nutrition and general health, as well as an update of immunization status. The results are to undergo computer analysis. This will assist the department in planning programs and services.

2. The Environmental Health Division updated and revised its Swimming Pool and Food Handlers' courses. These are designed for operators of restaurants and public swimming pool facilities. The newly developed Swimming Pool Course was held at our branch office in May and was attended by 35 operators. The Division plans to make regularly scheduled Food Handlers' courses a priority in 1984.

3. The Nutrition Division developed and offered a lunch hour nutrition education program for those students who bring their lunch to school. Good co-operation was received from both school boards.

4. At the request of H.I.T.T.LINE (Health Information Telephone Tapes), a federally funded service coordinated by a number of Regina agencies, Health Department staff prepared 31 tapes on a variety of subjects: communicable diseases, sexually transmitted diseases, departmental programs (e.g. prenatal classes), sudden infant death syndrome, immunization, smoking cessation, nutrition and environmental health. Over 300 tapes are available to the public through the HITTLINE number.

5. Five NEEDS Workers supported by federal monies were hired during 1983 thus providing the department with support services for special projects:

   - Survey of compliance with Bylaw No. 6849 (respecting smoking in public places) with regard to posting of required signs. The survey was done in cooperation with the Buildings and Properties Department.

   - Vietnamese Community Worker

   - School Vision and Hearing Screening Worker

   - Two clerical assistants for the 1979 Births Developmental Screening Program and to assist a rehabilitation group.

COMMUNICABLE DISEASE CONTROL

During 1983, there were no confirmed cases of measles (Rubeola) in Regina. This is gratifying since the Department, along with Provincial, Federal, and U.S.A. Health Departments, had made elimination of measles a goal to be reached through comprehensive immunization of all infants and children. During 1982, it had appeared that STD (VD) was on the rise in Regina and measures were taken to intensify educational efforts in the schools and community. Whether because of these efforts, or the known vagaries of the reporting of infectious disease, the incidence of STD is considerably reduced this years.

1983 has seen a dramatic increase in reported cases of Salmonellosis. This was noted throughout the province and particularly during the very hot summer months. Because of the heat, it is possible that less than ideal practices in food preparation and handling allowed bacterial growth and accounted for at least some of the increased incidence. Cases of hospitalized gastroenteritis continued to be frequently reported as in past years. As expected, almost 60% occurred in infants (children under 1 year of age.) Where positive viral cultures were obtained, it is noted that rotavirus predominated in the winter and spring months with the enterovirus group being more evident in the late summer months.

Obviously the July 8 rainstorm and flooding in the City was a concern to the Health Department both from the point of view of assuring potability of water and monitoring clean-up procedures. The Health Department issued a press release cautioning the public as to the risks presented by the flood and suggesting procedures to minimize the likelihood of illness.

Regina's drinking water again experienced severe taste and odour problems during July and August. In spite of this, regular monitoring for bacterial content did not indicate any cause for alarm. Even so, there is a need to assure a better water supply for Regina.

During the summer, mosquitoes were very numerous. Fortunately, Western Equine Encephalitis did not become a problem in Regina.

NATIVE HEALTH

In recent years, the Native population in Regina has grown dramatically. Among Natives in Regina, there are relatively large numbers of women and children. Many native people suffer from socio-economic and educational disadvantages. They are often new to the city and find it difficult to locate and use needed services. The Mayor's Task Force on Indian and Native Initiatives addressed Health Initiatives as one of its concerns. The Health Department provided input to the report and recommendations were adopted in September 1983. The Department will be involved in implementation of health related programs in the coming years.

The Native Community Health Worker program, in place since early 1982, has continued, rather precariously funded by Federal grants and City money. It is hoped that the two worker positions will be made permanent in the 1984 budget. This has been a valuable undertaking which reaches natives and liaises with native groups. (Statistics appear in the Nursing Division Report).

SPECIAL PROJECTS

At the request of the City Manager, a number of administrative tasks have been carried out, often in co-operation with other city departments. These have included a review of the senior administrative structure of the Health Department and a submission to the Provincial Health Department regarding City Health Department funding and health grants.

In July, the Special Needs Housing Association made a proposal to the Board of Health requesting support for a symposium highlighting the housing needs of the disabled. With clerical and professional assistance from the Health Department and financial support from the City, the group organized an excellent meeting held on November 19th. The work of this group has done much to highlight the need for improved housing and rehabilitation facilities in Regina.

ONGOING PROJECTS

The problem of unregulated nursing homes caring for 4 to 14 persons has continued to be a concern to the Health Department and City Council. During 1983, Council sent a letter to the Minister of Health expressing this concern and urging a solution. Late in 1983, the Provincial Health Department held meetings throughout the province in order to receive input from involved agencies and care givers. We were informed that recommendations prepared by the Continuing Care Branch of the Provincial Health department will be submitted early in 1984.

Division Heads commenced preliminary work on establishing better defined goals and objectives for the department. This was part of a general endeavour in the City corporation and all City departments and was initiated by City Council and the Administration.

Preliminary discussions also took place with the City's Records Systems Coordinator with the goal of rationalizing our filing system. This is also part of a City-wide endeavour.

HEALTH EDUCATION

All members of the department were involved in Health Education through contacts with the media, speaking to community and/or school groups, preparing displays (e.g. Femtastic, Saskatchewan Public Health Association Annual Meeting, and the Seniors' Health Fair in 1983) and preparing handouts or pamphlets.

MISCELLANEOUS

Staff are encouraged to maintain professional competence through inservice education programs, attendance at conferences, seminars and subscriptions to professional journals.

The Medical Health Officer meets once yearly with the Western Health Officers from Victoria, Vancouver, Calgary, Edmonton, Saskatoon and Winnipeg in order to discuss matters of common interest. Last year the meeting took place in Victoria in September.

First Row: Dr. D. Gemmill, Dr. P. Hutchison, Dr. L. Medd, Dr. J. Arneill

Second Row: Dr. J. Howell, Dr. G. Bonham, Dr. S. Stead, Dr. T. McLean, Dr. R. Fish

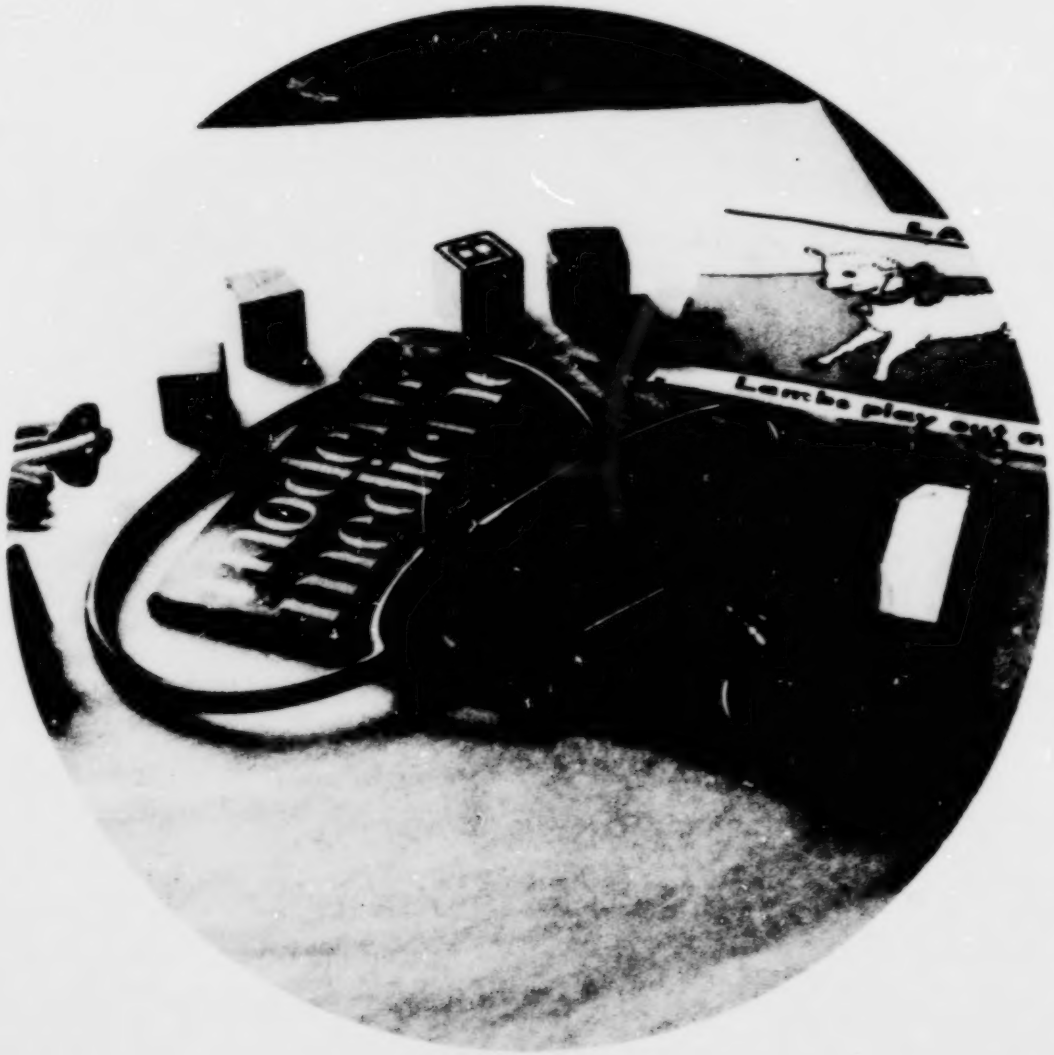
Finally, I wish to express my appreciation to the Health Department staff who work so hard and show true commitment to preventive health. In particular, the Division Heads were most helpful during the past year when I was lacking an Assistant. I wish also to express my thanks to City Council, the City Administration, the media and the community in general for the support they have given me during the year.

Respectfully submitted,

P.A. Hutchison

P.A. Hutchison, M.D., F.R.C.P. (C),
Medical Health Officer

Maternal and Child Health Division



MATERNAL AND CHILD HEALTH DIVISION

During 1983, the services of this Division were provided by a Pediatrician on contract because the Assistant Medical Health Officer who formerly provided these services was involved in administrative duties as the Medical Health Officer.

The Pediatrician is responsible for telephone consultation and direct clinical services to mothers and their children. Consultative services are available to staff members regarding infant, preschool and school age children. Advice to private practitioners and other professionals on matters related to immunization, communicable disease control and public health programs is also provided.

Pediatric services continue to be offered in two of the twenty-one regularly scheduled Child Health Clinics each week. During 1983, 469 children were examined in these clinics. Of these, 63 required referral to a private physician or community agency. In addition, advice was given in many cases.

Of the 63 children requiring referral, 9 were infants and 54 were preschoolers. The problems of concern in infants ranged from development delays in 2 cases to general medical problems. For the 54 preschoolers, problems involved:

Speech and language	- 30
Speech and development	- 4
Development and/or behavior	- 11
Auditory perception	- 1
School readiness	- 1
Learning disability	- 1
Hearing	- 2
Visual acuity (squint?)	- 3
Medical/Surgical	- 4

Many of the children seen by the Pediatrician were referred as a result of the 1979 Births Developmental Project which was carried out by the Public Health Nursing Division during the summer and early fall. A detailed account of this project appears in the Nursing Division section. The project has done much to focus attention on preschool children in order to identify as early as possible problems with vision, hearing, developmental status, speech and so on.

Details about maternal and child health problems appear in the Nursing Division section of this report.

Nursing Division

PUBLIC HEALTH NURSING DIVISION

STAFF

During 1983, an increase of one district nurse position raised our staff total to thirty-eight, consisting of one Director of Nursing; three Assistant Directors of Nursing; thirty District Public Health Nurses, three Immunization Clinic Nurses, and one nurse for Sexually Transmitted Diseases and Tuberculosis programs. Resignations numbered six, for a 16% turnover rate, the same as in the previous year.

Both Community Health Workers resigned, and were replaced by qualified C.H.R.'s (Community Health Representatives). Three positions were created through the Canada-Saskatchewan Job Creation Program, which allowed us to hire a Vietnamese Interpreter, a vision and hearing screening worker, and a special projects clerk for a 40 week period ending February 13, 1984.

NEW PROGRAMS, PROJECTS AND ACTIVITIES:

1. A new project was launched in June, with the goal of completing a developmental assessment on all Regina children born in 1979 (ages three and one-half to four and one-half years). Our objective in screening these children one full year prior to kindergarten is to identify correctable problems one year earlier than we have in the past, when pre-kindergarten assessments were done. An earlier correction of problems should enhance health and learning potential in these important early years. One hour was allowed for each assessment, which included vision, hearing, speech, general development, nutrition, general health and immunization status. Further details appear under Infant and Pre-School Services on page 16.

2. The Nursing Division developed 13 scripts for H.I.T.T.LINE (Health and Information Telephone Tapes), a federally funded project co-ordinated by a committee comprised of several Regina agencies. Over three hundred 3-5 minute tapes are available on health issues, lifestyle concerns, consumer-business tips, and organizational listings by dialing 337-3666. Topics we prepared include: STD; Gonorrhea, Syphilis; Herpes; Prenatal Classes; Are You An Askable Parent; Pediculosis and Scabies; Red Measles; German Measles; Mumps and Chicken Pox; Should You Smoke During Pregnancy; Alcohol and Your Unborn Baby; Ear Infections and Hearing Assessment; Childhood Immunization; and Sudden Infant Death Syndrome.

3. A new child health clinic was established at the request of the Regina Native Women's Centre. It is held at their building, 1102 Angus Street on the third Thursday afternoon of each month, staffed by a public health nurse and community health worker.

4. Our Community Health Worker project obtained joint Federal-City funding for a further year, thus ensuring continuity of service to mid-February, 1984. Our two C.H.R.'s are under the supervision of M. Scott, Assistant Director of Nurses.

5. This fall, our immunization policy was changed to lower the age for the final booster from 15 to 14 years of age. This is in keeping with the National Advisory Committee on Immunization recommended guidelines of 14 to 16 years. It is the first year in which 14 year olds did not receive a 10 year old booster. We feel that lowering the age will ensure that more completing doses are given prior to school leaving. For this year only, both 14 and 15 year olds received their final booster.

6. A pilot project involving clerical work in the schools commenced in eleven schools in September. The objective was to have the school secretary record basic admission and discharge information, issue health history forms to new students, and complete in-town/ out-of-town record request forms. If successful, this will give the nurse prompt and accurate information, and will relieve her of some clerical duties, thus allowing time for a more significant nursing role in the school. This format will be evaluated prior to expansion to other schools.

INFANT AND PRE-SCHOOL SERVICES

Child Health Clinics

Child Health Clinics are offered at fifteen locations throughout the city, an increase of one with the establishment of the child health clinic at Native Women's Centre in April. In addition, the Branch office expanded its weekly clinics to include every Thursday afternoon effective August 29. Public Health Nurses provide services primarily to infants and preschoolers at these clinics. Pediatrician services are also available. Screening for health problems (vision, hearing, physical and emotional development), immunization, and counselling to parents are offered. Referrals are made as needed to physicians or other agencies. Clinic attendance has increased this year over the past 2 years.

	1979	1980	1981	1982	1983
No. of visits	10,776	11,206	10,219	10,137	10,809
No. of clinic sessions	564	504	627	605	616
Average attendance	19	22	16	17	18

Of the 10,809 visits made, 6,442 concerned infants; preschoolers numbered 4,192; and 175 visits were by school-aged children. Immunization was included in 79% of all visits.

SPECIAL DEVELOPMENTAL PROJECT ASSESSMENT OF THREE AND ONE-HALF TO FOUR AND ONE-HALF YEAR OLDS (1979 BIRTHS)

Using S.H.S.P. generated data, we received the names of 2,971 Regina children born in 1979. A further 25 children were subsequently added to the study giving a total of 2,996. Of these, 20 invitations were not sent due to known development delay, 18 were not sent as they were out-of-town addresses and 67 letters were returned due to address changes. It was presumed that the remaining 2,891 letters were received. Of this number, 1847 assessments were done, or 64% of the invitations accepted.

In some cases, children could not be assessed, due to their lack of comprehension, unwillingness to co-operate, language barriers, etc. Also, not all parents followed through on recommendations for a recheck or referral. However, these children will again be available for testing in the fall of 1984 as they enter kindergarten.

Preliminary results and outcomes are as follows:

	NORMAL	REFERRALS MADE	SUSPECTED PROBLEM CONFIRMED*	CLEARED ON RE-EXAMINATION**
Vision	1,661	87	39	13
Hearing	1,619	77	30	25
Speech	1,649	111	48	25
Development	1,711	100	24	25
General Health	1,798	49	19	9
		424	160	97

*Problem confirmed and treatment recommended
**No problem on re-examination, therefore no treatment required

	UP-TO-DATE BEFORE ASSESSMENT	NOT UP-TO-DATE	NOT KNOWN
Immunization Status (Primary Series and MMR)	1,678 (90.8%)	146 (7.9%)	23 (1.2%)

Attendance throughout the 30 nursing districts ranged from a high of 88% to a low of 26% of those invited for assessment. Attendance related positively to higher socio-economic neighbourhoods. Undetected problems and inadequate immunization were found throughout all areas of the city. Eighty-two percent of the children in the study were listed as living with two parents, with 1,726 or 70.5% of these having an assessment done. 17.6% of the children lived with one parent, usually the mother. One hundred and twenty-one, or 23% of this group attended. Native attendance numbered 67, or 3.6% of all attenders. It is estimated that at least 360 Indian or Metis people would have received letters concerning the assessment, and that therefore only 18.6% took advantage of the screening. Further effort must be made to reach the children of single parents and of natives for health assessments in the future.

A follow up to this project will be to assess the non-attenders in this age group as they enter kindergarten, to determine previously undetected health problems, and immunization status, and to compare the two groups.

Pre-School Vision and Hearing Screening Program

Pre-schooler vision and hearing were also assessed at 134 special screening clinics. These were mainly children born in 1978 (entering kindergarten) or 1980, as children born in 1979 were encouraged to participate in the special assessments. The Denver Pre-Screening Developmental Questionnaire (PDQ), a parent administered questionnaire, is also used as a screening tool at vision and hearing clinics.

	1980	1981	1982	1983
Pre-School Vision				
Number screened	2,788	1,358	1,785	1,068
Number stable defects	47	8	24	12
Number new defects	123	60	73	60
Number referred	108(3.8%)	52(3.8%)	74(4.1%)	63(5.9%)
Pre- School Hearing				
Number screened	1,633	1,187	1,711	1,055*
Number referred	49(3%)	45(3.8%)	87(5%)	37(3.5%)

*An additional 1,847 preschoolers had vision and hearing tested through the Special Development Assessment Project for 1979 Births (see previous section).

Day Care Centers and Nursery Schools

Visits by nurses for the year numbered 111, just over last year's total of 105. Reasons for the visits included screening for vision, communicable diseases and other health concerns as well as some health teaching.

Home Visits

Home visits were made to the parents of infants and preschoolers providing them with health information, counselling and supervision.

	1980	1981	1982	1983
Infant Visits	3,971	3,771	4,354	4,357
Preschool Visits	1,672	1,576	2,141	1,940

SCHOOL SERVICES

Public Health Nurses spend an average of 38% of their time in the city's 114 schools (96 elementary, 14 high and 4 other). Generally, one-half day per week is spent in each elementary school, with one day per week for each high school, but this varies with each school's population and special needs.

SCHOOL SERVICE OFFERED 1981-1983

Service	Number of Recipients		
	1981	1982	1983
Physical Assessment	2,815	2,649	2,338
First Aid	2,927	3,005	3,013
Immunization	6,567	5,593	6,307
Student Counselling (general)	2,381	3,039	3,872
Counselling re: pregnancy			
First Contact	50	37	95
Follow-Up	102	156	229
Parent Counselling	3,179	3,047	3,683
Teacher Counselling	3,299	3,555	4,673
Classroom Instruction			
-Number of sessions	266	329	443*
-Number of students	5,762	7,047	10,901*
Specific Screening Procedures			
Hearing-first this year	7,829	6,707	7,207
-repeat this year	1,128	924	1,197
-referred	316(4%)	290(4%)	397(5.5%)
Vision-first this year	18,895	17,887	20,828**
-repeat this year	2,540	2,960	2,855
-referred	1,309(7%)	1,482(8%)	1,268(6%)
Scoliosis-screened	2,906	3,001	3,251
-referred	171(6%)	178(6%)	179(5.5%)
Communicable diseases	2,067	2,560	3,627

*The role of the Public Health Nurse in classroom health teaching has steadily increased, more than doubling in the past three years. In 1980 the classroom sessions numbered 202 with 5,381 students in attendance.

**Trained parent volunteers did initial visions screening for 12,110 students.

In addition to these services, 938 home visits were made concerning school children and a further 636 school children were seen at immunization or child health clinics.

HEALTH EDUCATION PROGRAMS

Expectant Parent Programs

In 1983, 30 public health nurses offered 491 prenatal classes at 5 locations throughout the city, including both our Central and Branch offices, the Plains and Pasqua hospitals, and Balfour Special Tutorial School. Participants included 896 mothers, 659 fathers, and 68 coaches.

Teens who attend Balfour to continue their education during pregnancy are taught in a flexible format. This year 5 1/4 series, (53 classes) were taught, with 94 teens receiving an average of 10 classes each. The public health nurse is involved in each seven class series taught at Pasqua, including the hospital tour. All other participants attended a series of six classes, followed by hospital tour. For those who choose the Early Bird format, two classes are attended very early in pregnancy, followed by four further classes attended, usually during the seventh month of pregnancy. The regular series consists of six consecutive classes beginning between the fifth and seventh months of pregnancy.

Early Bird Classes were begun in 1978 with four 'Part A' and one 'Part B' being offered. The continued popularity of these classes is reflected in the following table showing the number of series and classes offered in their various formats.

PRENATAL SERIES AND CLASSES

	1979	1980	1981	1982	1983
Early Bird "Part A"					
Number of Series	14	16	23	35	35
Number of Classes	28	32	46	70	70
Early Bird "Part B"					
Number of Series	11	16	21	31	35
Number of Classes	33	48	84	124	140
Regular Classes					
Number of Series	49	56	38	33	33
Number of Classes	245	280	228	198	204
Single Mothers					
Number of Series	4	6	5	3	4
Number of Classes	20	30	30	18	24
Balfour Special Tutorial					
Number of Series			6	5	5 1/4
Number of Classes			50	54	53

PRENATAL CLASSES AND ENROLLMENT

	1979	1980	1981	1982	1983
Total Number of Classes	371	431	444	470	491
Total Female Enrollment	860	969	872	931	896
-Single Females	136(16%)	173(18%)	161(18%)	184(20%)	229(26%)
Total Male Enrollment	679	795	647	719	659
Total "coach" Enrollment (male and female)	34	42	43	69	68
Number of Regina Births	2,994	2,975	2,877	3,033	3,033

Births in Regina this year remained the same, at 3,033. Of this number, 896, or 30% of all mothers attended prenatal classes taught by public health nurses. Prenatal teaching was also given on a one-to-one basis during 159 home visits and at 324 pregnancy counselling sessions in the schools involving 95 students.

Again, of total annual births, 672 were to single women (22% of all births). Of these single women, 229 or 34% attended our prenatal classes.

Adoptive Parent Classes

It was necessary to offer this series only once this year due to the limited number of babies available for adoption. One series of 3 classes was taught to 5 mothers and 4 fathers.

Are You An Askable Parent?

Only one series of 4 classes was taught this year with 18 mothers and 5 fathers participating. These classes assist parents in communicating effectively with their children regarding sexuality and family living. Always rated positively by the participants, we hope to make more series available to parents.

Moms and Tots

One series of Moms and Tots was offered to eight Moms and eight pre-schoolers in a six class format. Also known as "Enjoying Your Pre-Schooler", the class objective is to help mothers relate to and enjoy their pre-school children more through a greater understanding of child development and child management.

Health Talks to the Community

Public health nurses have responded to community requests for health talks on a variety of subjects. Some of the groups who request talks include social workers, nurses from other agencies, Lifeskills Classes, Parent-Teacher groups, Council for Crippled Children and Adults, Y.W.C.A., Boy Scouts and day cares. Among the range of topics were child abuse, child care, nutrition, Sudden Infant Death Syndrome, hygiene for the physically disabled, epilepsy, birth control and S.T.D.

COMMUNITY TALKS

	1980	1981	1982	1983
Number of sessions	77	106	166	168
Number of persons	1,340	1,963	2,305	2,095

COMMUNICABLE DISEASE CONTROL

Rheumatic Fever Program

This program provides surveillance and the provision of free penicillin or sulfadiazine to rheumatic fever patients for the purpose of preventing recurrent streptococcal infections, thus reducing the risk of further complications from this disease. The number of clients continues to decrease, with 22 being discharged this year and only five admitted, for a year end total of 48.

	1980	1981	1982	1983
Number of recipients	109	82	65	48

Tuberculosis Control

New tuberculosis cases this year numbered seven. We received 111 notifications regarding clients at risk due to their being contacts of persons with tuberculosis. In addition, 358 clients required follow-up. Home visits numbered 357. These efforts resulted in 421 clients visiting either a tuberculosis clinic or their own doctor. The tuberculosis control nurse was most appreciative of the assistance of our Vietnamese Interpreter, hired through the NEEDS program, who assisted in translations and health teaching to Vietnamese clients.

Sexually Transmitted Diseases

The reported number of cases of sexually transmitted diseases was 521, of which three were syphilis and 518 were gonococcal infections. Notifications for contact tracing numbered 220, down from last year's 291. The number of these contacts located and referred to either the Public Health Clinic or to the family doctor was 191, for an 87% "find" rate, while 29 could not be located. A further 41 known cases were located who required follow-up testing. Home visits numbered 223. Group instruction sessions in the schools or community numbered 30, with 832 persons in attendance.

Other Communicable Diseases

Many other communicable diseases are investigated by nursing staff. The more prevalent of these diseases include infectious hepatitis, salmonella, shigella, certain intestinal parasites, scabies and pediculosis. An increase is noted this year both in home visits and school screenings for these concerns.

	1980	1981	1982	1983
Home Visits	626	725	551	603
School Screening	1,626	2,067	2,560	3,627

OTHER SERVICES

Family Planning

Birth control information is included in various nursing programs. Each prenatal series offers this information, thereby reaching 1,623 men and women. Opportunity for further family planning takes place at each postnatal visit (3,272). Nurses are increasingly involved in the Family Life programs of many schools, which may include either teaching or acting as a resource person in this subject area. Some community group talks are also delivered on this topic. An additional 51 persons received individual family planning consultations.

Home Visiting

Home visits are made for a range of health concerns and present health teaching and supervision opportunities. In 1983, public health nurses spent 9,256 hours making 7,506 visits (including travel and recording time). Some of the reasons for these visits have been mentioned earlier in this report. Additional reasons include the following: Adults (3,353); Senior Citizens (779), Sudden Infant Death (33); Suspected Child Abuse (36); Prenatal (159); Boarding Care Home assessments (31); Native Families (1,027). The provincial S.A.I.L. program made 1,239 referrals to use, which led to 655 visits and 822 phone calls. Nurses also made a further 154 requests for S.A.I.L. equipment. Home visits to native families numbered 1,027 by public health nurses plus 719 by the community health workers for a total of 1,746, up from last years total of 1,458.

Referrals

Total referrals received this year numbered 2,529, an increase of 320 over last year. The largest number of referrals was received from S.A.I.L. (1,239) followed by nurse-to-nurse hospital referrals (1,119). A further 171 referrals were received from doctors (11), the V.O.N. (8) and other agencies (152).

Among the referrals made by this division are the following: to V.O.N. (60); Suspected Child Abuse referred to Department of Social Services (18); other referrals to Department of Social Services (48).

Other Communications

Many consultations were held with physicians, and with health, education and social agencies. These numbered 2,477. A further 10,239 telephone consultations were held with the public, either on nurse or client initiative. Staff consultations with our department's medical health officer numbered 344.

Native Health Workers

Both native community health workers resigned this year but were replaced with qualified Community Health Representatives. One position was vacant from August 29 to October 24. The Community Health Representatives continue to work at promoting healthy lifestyles and enhancing the understanding and the use of preventive health programs within Regina's native community. These statistics are drawn from their various activities:

Attendance at Child Health Clinics	79
Visits to Day Care Centres	5
Assisted P.H.N. with 3 1/2 to 4 1/2 year old project	21 days
Attended schools to Assist with Programs (eg. vision/hearing screening)	78

Home Visits	
Independent visits	719
Accompanied public health nurse	35
Transported Clients	
To Child Health Clinics (Number of clinics)	65
To other appointments	20
Community Services	
Community agencies visited	7
Contact with native groups	52
Hospital Liaison visits	120
Telephone consultations with the public	11
Cases referred to other community services	2
Health Education Programs (participated in) (Native Alcohol Centre, Early Learning Centre, Native Women's Centre).	32

Both CHR's attended a seminar on "A Study of Indian Traditions" given by Dr. Blue and also a two-day conference - "Awasis Atoskewin". One C.H.R. gave a joint presentation with a public health nurse on the role of the C.H.R. with our department and understanding native culture both to staff inservice at Wascana Hospital and to a Regina Chapter meeting of the Saskatchewan Registered Nurses' Association. One Assistant Director of Nursing participated in a panel presentation "Health Careers for Natives".

OTHER ACTIVITIES

Various meetings were held regularly during the year. These included: Nursing Administration (weekly), monthly team meetings and Division Head meetings. As well, the following special committees met as needed: School Clerical, Pre-school Screening, Family Life, Inservice, and the High School Nurses Interest Group.

Arrangements were made for the Compassionate Friends Society, a support group for bereaved parents, to have the use of our library for a meeting place on the third Monday evening of each month, commencing in January.

A report was prepared which explored the possibility of using McLeod School as a children's rehabilitation center.

One public health nurse continued as our respresentative on the committee for the interagency multi-service centre for youth. Her special involvement was on the health committee.

Media presentations included three tapes each on Prenatal Care, the Askable Parent program, and Child Abuse Prevention, for Bob Weidman's C.F.M.Q. Lifestyles show. C.B.C. TV news gave coverage to our Native Outreach Project, showing the Community Health Representatives and a public health nurse at their district work.

The Nursing Division cooperated in the planning and staffing of health displays at Femtastic in March, the Seniors' Health Fair in April, and the Council for Exceptional Children Conference in November.

An appreciation tea was held on November 25 at the Branch Office in honour of our many volunteers who assist at child health clinics and with school vision screening.

The Director of Nursing participated on various external committees, including the Regina Child Abuse Prevention Committee (chairman), R.C.A.P.C. sub-committee to prepare a brief for the Family Services Act Review, Nursing Information systems (provincial), Merici Centre Advisory Board, Merici Centre Annual Meeting Planning committee, and two City of Regina committees: Technical Study, and the newly formed weekly Participation Management Group (Quality Circles) as a member from March to September and chairperson from October to December.

The Assistant Directors of Nursing participated on the Family Service Bureau Board and Homemakers Committee, Downtown Men's Housing, North Central Health Centre Liaison Committee, Cleft Lip and Palate Family Association, Red Cross Provincial Health and Community Services Advisory Committee, Single Parent's Support Group, and served as W.I.A.A.S. Nursing Liaison.

PROFESSIONAL EDUCATION

Nursing Students

Public health nurses acted as field guides to nursing students on 238 occasions, an increase from last year's 217. This included one rotation of eight third year nursing degree students from the College of Nursing, and approximately 137 W.I.A.A.S. diploma students who observed at postnatal visits and prenatal classes, as well as some in their pediatric rotation who were offered a new experience of observing at Child Health Clinics, schools and pediatric home visits. One medical student and one medical intern were also oriented to the Nursing Division.

Staff Development

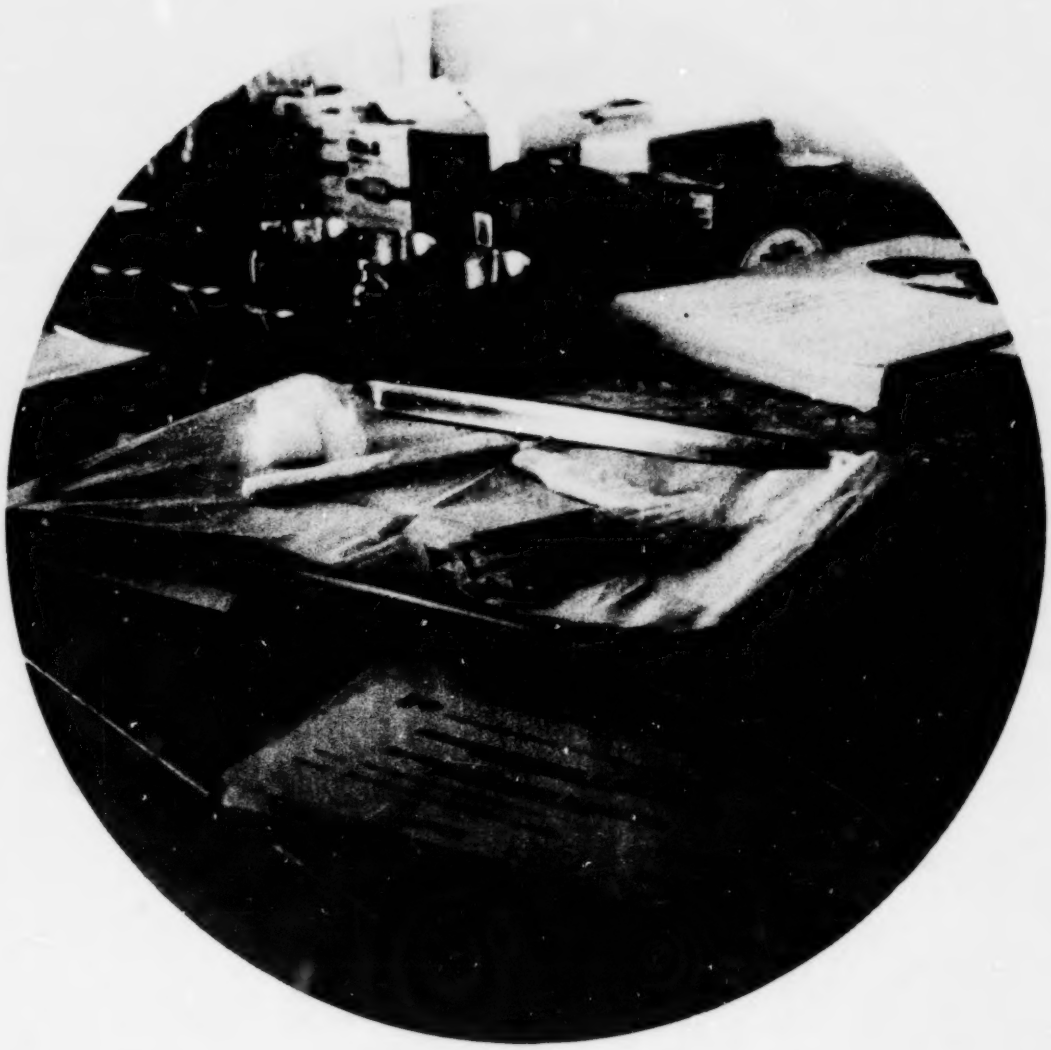
Each nurse and community health worker averaged 32.5 hours of inservice through the 34 sessions offered this year. Workshops or seminars outside the department numbered 28, with an average time in attendance by each nurse of 19 hours. Among the topics covered were Teen Weight Control, Communication Skills With Adolescents, Group Discussion Methods for Prenatal Classes, C.P.R., Drugs, Tuberculosis, Post Myocardial Care, S.T.D., Ear disorders and Use of Otoscope, D.D.S.T., and ultrasound.

CHILD HEALTH CLINIC STATISTICS - 1983

Name of Clinic	Total Attendance	Total Number of Clinic Sessions	Average Attendance Per Session
Al Ritchie	198	12	17
City Health - Tues	489	46	11
(Central) - Thurs*	190	41	5
Clarence Mahon Arena	443	21	21
Crescent School	338	13	26
Dieppe School	156	12	13
Evangelical Free Church	488	34	14
Glencairn Rec. Centre	971	30	32
Martha House	279	23	12
Massey School	578	24	24
McCannel School	579	51	11
Native Women's Centre (April-December 1983)	33	9	4
Peart School	241	12	20
St. Andrews' Church	380	23	17
St. Charles' Church	135	12	11
Branch Office-Mon p.m.	1,447	46	31
-Tues a.m.	1,150	51	23
-Tues p.m.	1,030	51	20
-Wed p.m.*	248	37	7
-Thurs a.m.	1,258	51	25
-Thurs p.m. (August 29-December 31/83)	178	17	10
TOTAL	10,809	616	18

*Physician Clinics

Immunization and Communicable Disease Control



IMMUNIZATION AND COMMUNICABLE DISEASE CONTROL

IMMUNIZATION

Prevention and control of communicable diseases remain a basic concern of the department and activities in this area are a part of almost every division's duties.

The immunization program was very active with the public health nurses administering 42,082 procedures during 1983 to 24,331 individuals. These were carried out in the following facilities:

Central Immunization Clinic	12,640
Branch Office (Immunization Clinics and Child Health Clinics)	10,941
Child Health Clinics (all Child Health Clinics other than Branch)	7,983
Schools	11,049

Immunization procedures by age group were as follows:

Infants	15,740
Preschool	12,751
School	11,467
Adults	2,124

During 1983, we continued to identify and immunize as many preschool children as possible against rubeola (red measles). Part of our 1979 Developmental Screening Survey included an assessment of immunization status. It revealed that 90% of the 1,875 children 3 1/2 to 4 1/2 years old were up to date in immunization. Those who were behind were either immunized or the parents were encouraged to remedy the situation at a future appointment.

The department continues to be the designated yellow fever vaccination centre for southern Saskatchewan. During 1983, 299 doses were administered. In all, 1,737 travellers received this as well as other necessary immunization procedures.

COMMUNICABLE DISEASE CONTROL

The table accompanying this report provides a summary of the cases of reportable communicable diseases in Regina during 1983.

In summary, Regina had no reported cases of rubeola, diphtheria, pertussis, typhoid or polio. The number of reported cases of sexually transmitted diseases reported during 1983 was 521 compared to 614 in 1982. Cases of viral meningitis numbered 15 compared to 31 in 1982.

Regina, along with the rest of the province, experienced a dramatic increase in cases of salmonellosis, especially during the hot summer months. Faulty food handling was identified in a number of incidences where special events such as weddings took place.

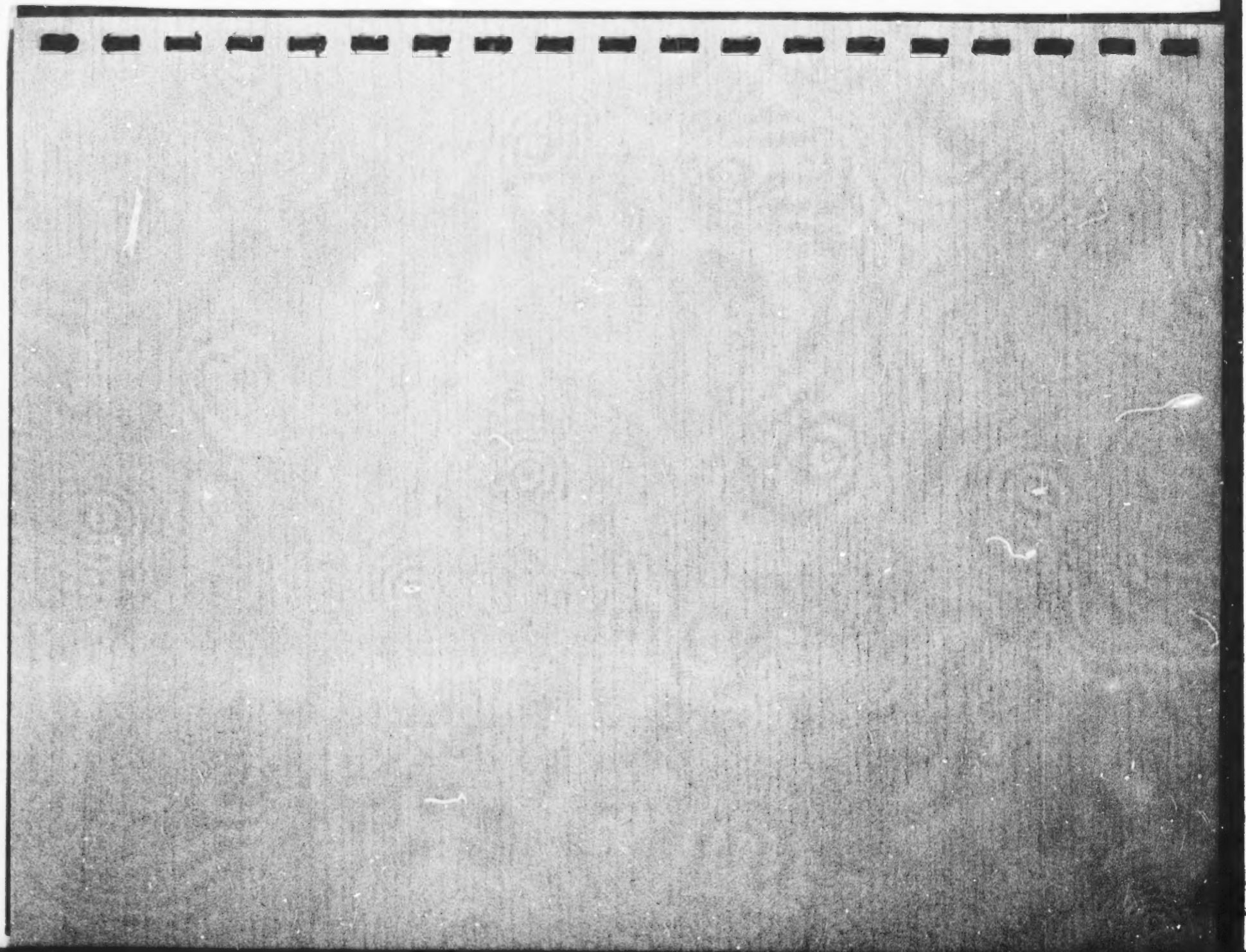
As in past years, cases of viral gastroenteritis, mostly in infants less than one year of age, continued to be reported.

Periodically outbreaks of parasitic skin diseases (pediculosis and scabies) occur in schools and this is reflected by the figures for this entity.

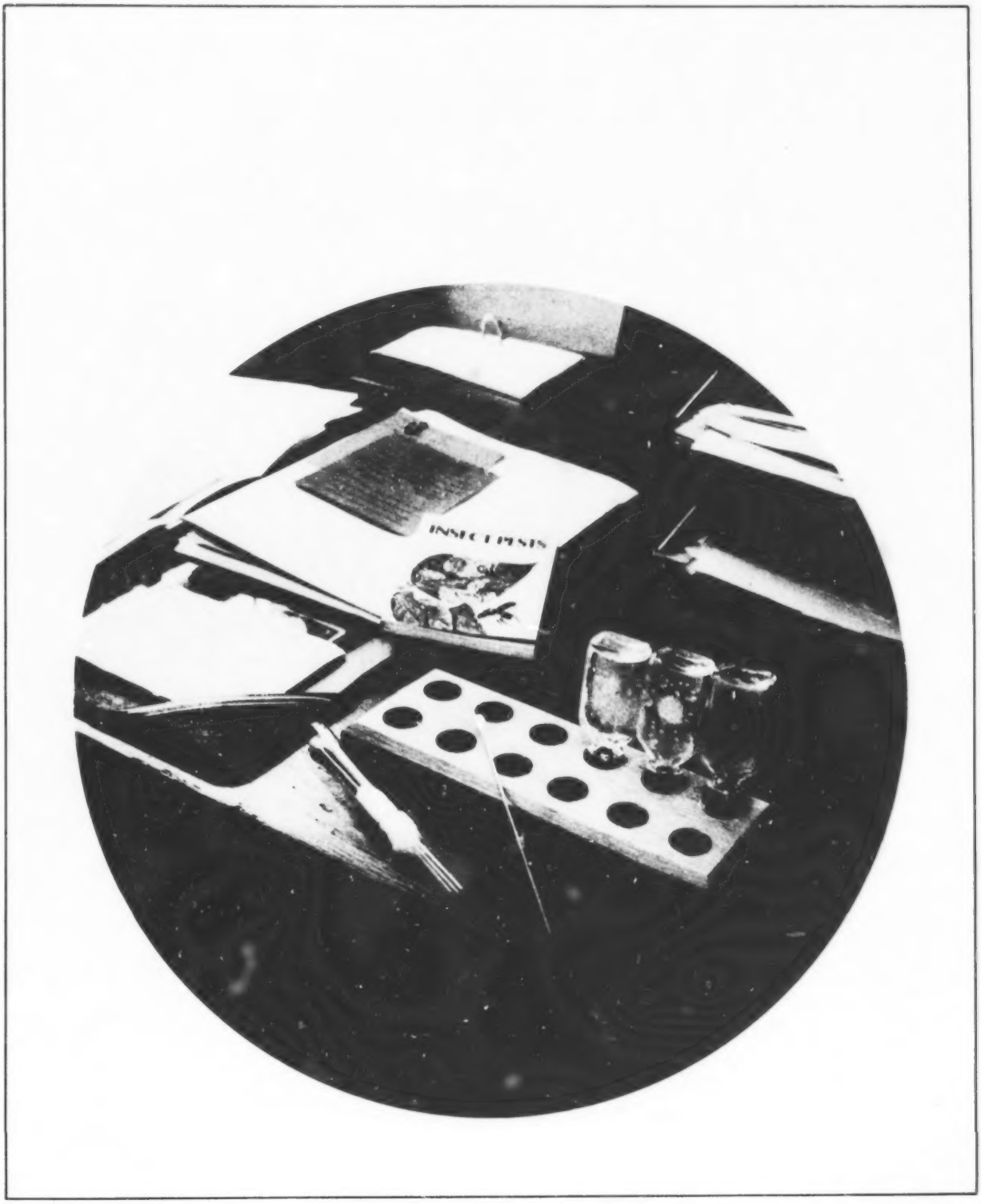
CASES OF COMMUNICABLE DISEASES REPORTED IN REGINA - 1982 - 1983

	1983		1982	
	Number	Rate*	Number	Rate*
DIPHTHERIA - Cases	-	-	-	-
- Carriers	-	-	-	-
FOOD POISONING	-	-	13	7.8
GASTROENTERITIS	489	289.1	519	312.7
HEPATITIS A	12	7.1	10	6.0
HEPATITIS B	10	5.9	15	9.0
HEPATITIS - UNSPECIFIED	-	-	-	-
HEPATITIS B - CARRIER	1	0.6	N/A	N/A
MEASLES	-	-	1	0.6
MENINGITIS (BACTERIAL)	9	5.3	18	10.8
- MENINGOCOCCUS	-	-	2	1.2
- HAEMOPHILUS	3	1.8	8	4.8
- PNEUMOCOCCUS	2	1.2	-	-
- OTHER	4	2.4	8	4.8
MUMPS	7	4.1	39	23.5
PARASITIC SKIN DISEASES	356	210.5	403	242.8
OTHER PARASITIC DISEASES	25	14.8	33	19.9
PARATYPHOID	-	-	-	-
PERTUSSIS	3	1.8	-	-
RUBELLA	19	11.2	9	5.4
SALMONELLOSIS	117	69.2	66	39.8
SHIGELLOSIS (BACILLARY DYSENTERY)	11	6.5	19	11.4
TUBERCULOSIS - RESPIRATORY	7	4.1	3	1.8
- OTHER	-	-	3	1.8
TYPHOID	-	-	-	-
VENEREAL DISEASE				
- GONOCOCCAL	513	303.3	614	370.0
- GONOCOCCAL OPHTHALMIA NEONATORUM	-	-	-	-
- SYPHILIS	3	1.8	1	0.6
- OTHERS	-	-	-	-
VIRAL MENINGITIS - ENCEPHALITIS	15	8.9	31	18.7
WESTERN EQUINE ENCEPHALITIS	-	-	-	-
OTHER DISEASES	2451	1449.3	2922	1760.8
POPULATION OF REGINA**	169,120		165,952	

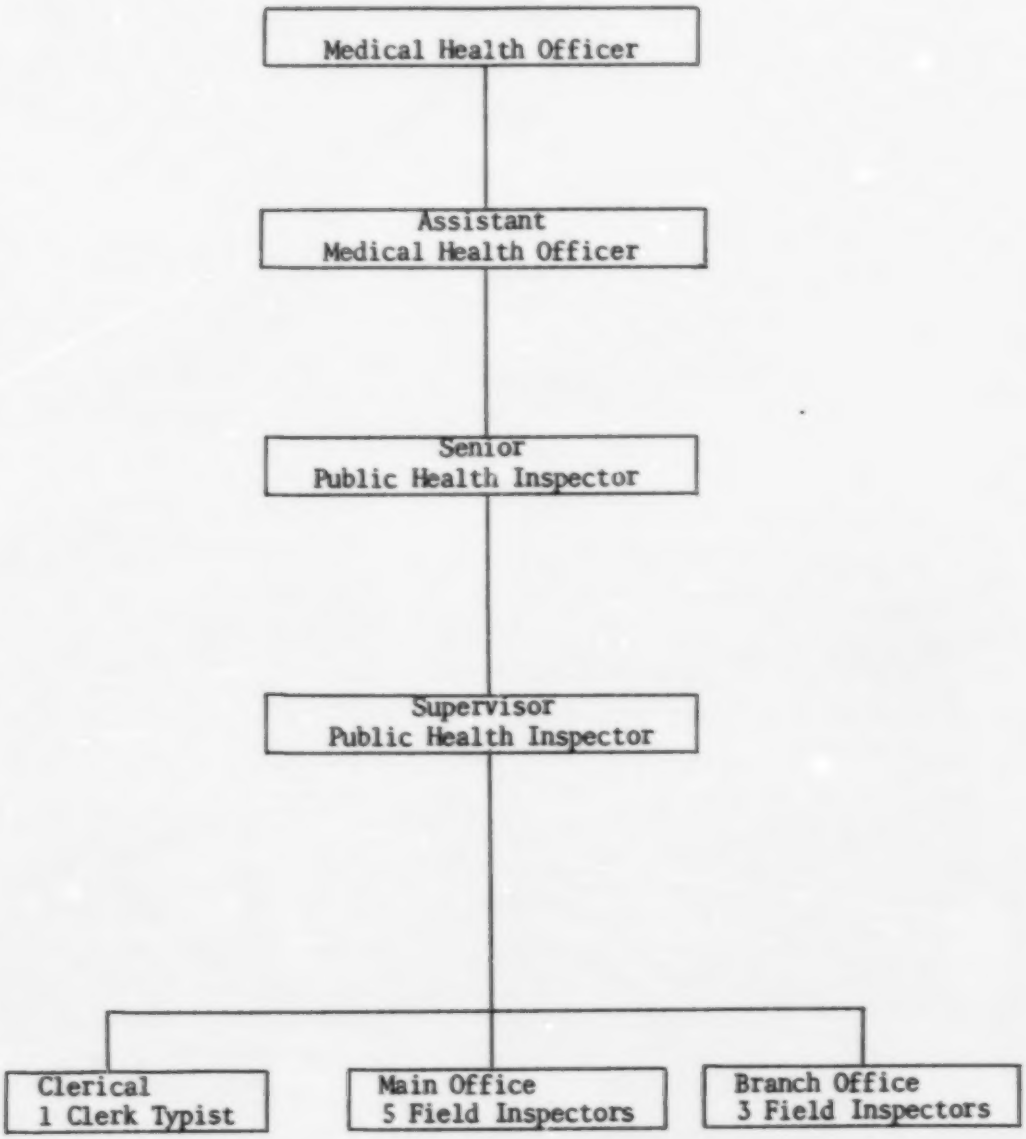
* Per 100,000 population
** SHSP covered population



Environmental Health Division



ENVIRONMENTAL HEALTH DIVISION



ENVIRONMENTAL HEALTH DIVISION

STAFF

This division has a full complement of eight District Public Health Inspectors, one Assistant Senior Public Health Inspector, one Senior Public Health Inspector and a Clerk Typist.

AIMS

The Environmental Health Division continues to strive to make our environment a healthier and safer place in which to live, by preventing health hazards from arising and by removing those hazards that do exist. Continuing efforts are being made to improve sanitation standards throughout the City by instructing and educating the public and enforcing legislation. During 1983, a total of 12,119 inspections, investigations and tests were done by the staff. A total of 1,343 complaints of various natures were attended to.

FOOD CONTROL

The area of food control has been a priority in this division due to an increased number of complaints and heightened public interest. As a result of the growth of the city, more establishments have opened for business, and these require public health inspectors' time. Complaints are largely related to food establishments, particularly cases of food poisoning or questions about food safety. At the end of 1983 there were a total of 392 public eating establishments in Regina. These required 2,082 inspections; there was one degrading and 29 eating establishments received written orders. Forty-five food poisoning episodes resulted in 133 individuals becoming ill. These outbreaks required thorough investigations.

There were 559 inspections made of grocery stores, meat markets, confectionaries, bakeries and food warehouses. Display and handling of bulk food items were creating some concern. Meetings and discussions were held with all foodhandlers; certain restrictions and guidelines were implemented.

Again this year an increased effort was made to upgrade all food establishments through audio-visual educational sessions, on the spot training and more enforcement by degrading, issuing of orders or closures. A foodhandling course was developed for regular presentation in the coming year.

WATER SAMPLING

There were 866 water samples submitted for analysis. Sampling for chlorine readings increased this year to 215, as a result of problems encountered in our raw water supply and odour and taste complaints. Recommendations have been made to Public Works and Engineering, for example: increasing chlorine, flushing and cleaning of lines and reservoirs, etc.

ENVIRONMENTAL HEALTH CONTROL

Poor housing and lack of proper maintenance continue to be a great concern in this division. A total of 2,474 housing and property inspections were made, resulting in 51 premises placarded as unfit for human occupation under the Public Health Act. Every effort is made to control slum dwellings; 26 placarded premises were demolished and/or removed and 29 placarded premises were repaired and/or renovated, resulting in removal of placards. The total number of non-modern dwellings remaining in the City at the end of 1983 was 12.

There were 136 actions taken under Section 195 of the Urban Municipality Act for untidy and unsightly premises. Eight of these premises were cleaned up by the City's Public Works Department. Actions were taken by the City under Sections 140 and 197 of the Urban Municipality Act to demolish old housing or buildings and remove wrecked vehicles. These actions are certainly resulting in improvements in the control of unsatisfactory conditions within the City. The general public and community service groups continue to maintain pressure for better controls on housing and property maintenance.

Continued demands are made on this division for inspections and reports on institutions such as special care homes, schools, various types of group homes, boarding care homes and day care centres. Due to growing public interest in recreation and sports, more effort has been put into maintaining improved sanitary standards in all public playgrounds, parks, rinks and swimming pools. Paddling pools were again refused permits and are a constant health concern. They do not comply with provincial regulations. The Parks and Recreation Department has notified us that all paddling pools will be converted to spray pools in 1984.

CARBON MONOXIDE

Frequent carbon monoxide monitoring during the fall and winter months continued at our ice rinks. Tests were taken for carbon monoxide levels at various times of the day at each facility. This is accomplished by continuous readout equipment purchased a year ago. Now that all ice machines have been converted from gas to propane, it has been noted that carbon monoxide problems have decreased.

However, it was noted that when the tractors are not properly tuned and the ventilation systems are not working well, carbon monoxide can get to a fairly high level. Carbon monoxide monitoring is continuing. A number of spot checks have also been done in homes where carbon monoxide was a possible concern.

RODENT AND PEST CONTROL PROGRAM

City Council should be complimented for continuing and expanding the Rodent and Pest Control Program. This program is under contract to a local exterminator. A number of pests (gophers, rabbits, pigeons, rats, skunks, etc.) have been successfully controlled. It is hoped that the program will continue and expand.

Insect problems have grown in number over last year. It appears that cockroaches are on the increase; bedbugs continue to be a problem; and meal moths, etc. are common.

OTHER INSPECTIONS

Regular inspections and control measures have been carried out in other areas such as offices, barber shops, beauty parlours, malls, arcades, pool rooms, clubs and other public facilities. The public health inspector keeps a constant watchful eye on any facility that is established in his district.

GENERAL

A total of 1,343 complaints have been received and investigated or referred to the proper authorities. There were 118 complaints directly related to the keeping of dogs. The keeping of dogs is becoming a concern: yards are not kept clean; kennels are too close to neighbours' property; barking and number of dogs on a property all contribute to complaints. Recommendations have been made as to the need to provide better legislation to enforce control of pets. Dog bites continue to be a problem; 257 bites were reported. The Federal Health of Animals Department is now also involved in follow-up and rabies control.

In early July, a sudden rain storm caused serious flooding conditions. Inspectors worked very hard with the general public for three to four months advising on the cleaning up of buildings and properties. Approximately 400 calls were received regarding flooding conditions. Fortunately, no serious illnesses occurred during that period. Most people were very co-operative.

A total of 741 verbal notices and 572 written notices or orders were issued for the year.

One Public Health Inspector attended a two week upgrading course at the University of Saskatchewan. This gives the Division the opportunity to keep up with the changing times and technology. It is strongly recommended that this practice continue.

COMMUNITY EDUCATION

There were nine courses given by the inspectors for swimming pool operators and foodhandlers. These were attended by 238 individuals. A number of talks were given to various groups (community groups, church organizations, etc.). Approximately 953 office consultations and 1,537 telephone consultations were provided regarding various problems of concern to the general public. A number of interviews were held with the Leader Post, radio and T.V. stations. These dealt with housing, foodhandling, insect and rodent control and dog problems.

SUMMARY

The inspectors are continually faced with greater demands for services from the general public and other governmental agencies (Municipal, Provincial and Federal). Every effort is made to achieve and maintain optimal environmental health standards for the people of Regina. The complexities of modern living give rise to a variety of new problems and the need for new programs, bylaw amendments and new regulations must continually be considered.

The environmental health inspectors greatly appreciate the co-operation received from all other divisions within the Department, other City Departments, the general public, elected officials and government agencies.

CITY OF REGINA HEALTH DEPARTMENT - ENVIRONMENTAL HEALTH DIVISION - FUNCTIONAL ORGANIZATIONAL CHART

MEDICAL HEALTH OFFICER

ASSISTANT MEDICAL HEALTH OFFICER

- ADMINISTRATIVE SERVICES DIVISION
- MATERNAL & CHILD HEALTH DIVISION
- BIOSTATISTICS DIVISION
- ENVIRONMENTAL HEALTH DIVISION
- PUBLIC HEALTH NURSING DIVISION
- NUTRITION DIVISION

FOOD PROTECTION

- Retail
- Wholesale
- Processing (Bakeries, Plants Manufacturing, etc.)
- Public Eating Establishments
- Licensed Premises
- Bottling Plants
- Catering
- Meat & Fish Markets

WATER QUALITY AND SOLID WASTE CONTROL

- Drinking Water
- Sewage Disposal
- Solid Waste
  - (Landfill, Incineration)
- Cross Connection Control

HOUSING AND COMMUNITY ENVIRONMENT (PROPERTY)

- Housing
- Motels, Hotels and Trailer Courts
- Institutions
- Apartments
- Rooming Houses
- Schools
- Special Care Homes
- Hospitals
- Day Care Centres
- Group Homes, etc.
- Boarding Care Homes
- Property Control

ENVIRONMENTAL CONTROL

- Barber Shops and Beauty Parlours
- Recreation
  - Parks
  - Rinks
  - Pools
  - Recreation Facilities
- Public Places
  - Theatres
  - Bowling Alleys
  - Dance Halls
  - Coin Laundries
- Retail
- Offices
- Factories
- Nuisance Control
- Plans Approved

INSECT, RODENT AND ANIMAL CONTROL

- Insect Control
- Rodent Control
- Pet Control
- Dog and Animal Bite Control (Rabies)

HEALTH EDUCATION

- Public Talks
- Talks to Schools and Clubs
- News Media
- Educational Seminars
- Complaints
- Preparing Information (Pamphlets and Brochures)
- Orientation

POLLUTION CONTROL

- Air
- Noise
- Odour
- Carbon Monoxide
- Urea Formaldehyde
- Hydrazine

ENVIRONMENTAL HEALTH DIVISION STATISTICS

	1982	1983
1. Food-handling		
(a) Public eating establishments	1408	1442
(b) Licensed premises/beverage rooms, etc.	325	319
(c) Public eating establishments - itinerant	310	321
(d) Public eating establishments - closed	26	16
(e) Public eating establishments - opened	30	38
(f) Public eating establishments - orders issued	18	29
(g) Public eating establishments - degraded	4	1
(h) Jamieson tests	99	25
(i) Food manufacturing premises, bakeries, bottlers, meat processing	141	150
(j) Stores - grocery, meat, confectionery	390	409
(k) Dairy products - complaints	4	4
(l) Food products condemned - quantity	586	23
(m) Investigation - (1) Possible food poisoning	35	43
(2) Number of individuals involved	202	133
(3) Food samples submitted to Lab	17	84
(n) Laboratory examination of - (1) Food Samples	23	48
(2) Water samples	1139	866
(3) Chlorine tests	200	215
2. Housing		
(a) Inspections - (1) Commercial buildings	188	243
(2) Commercial properties	163	251
(3) Private dwellings	797	741
(4) Private properties	1639	1733
(b) Apartment blocks, hotels, motels, trailer courts	230	221
(c) Premises placarded	108	51
(d) Action initiated - Section 195 of the Urban Municipality Act	98	136
(e) Action initiated - Section 140 of the Urban Municipality Act	20	36
(f) Action initiated - Section 29 of the Public Health Act	1	5
(g) Miscellaneous - Formaldehyde testing, etc.	177	49
3. Institutions, Industries, Recreation Areas		
(a) Institutions, Special Care Homes, Day Care centres, Approved & Boarding care, homes, hospitals	209	183
(b) Service, trades, industries, beauty parlours barbers, laundromats	196	219

	1982	1983
(c) Recreation areas - (1) Indoor - bowling, pool rooms, games arcades	105	85
(2) Outdoor - parks	22	21
(3) Indoor ice arenas -		
(a) Inspection	26	80
(b) CO testing	18	84
(4) Swimming pools, paddling pools		
(a) Inspection	234	238
(b) Water samples	177	244
(c) Closures	13	9
(d)	-	21
4. Insect, Rodent Control, Animal Bitings		
(a) Insect - infestations	47	74
(b) Rodent calls reported	45	94
(c) Rodent - Infestation confirmed	11	44
Inspection of premises/property	33	48
(d) Skunk infestations reported	5	11
(e) Skunks exterminated	3	3
(f) Animal bitings investigated	273	257
(g) Pests reported - gophers, pigeons, rabbits	28	78
Pests exterminated	19	50
5. Complaints	1220	1343
6. General		
(a) Plans reviewed	207	245
(b) Notices - (1) Verbal	835	741
(2) Written	671	572
(c) Consultation - (1) Personal	730	953
(2) Telephone	838	1537
(d) Meetings - (1) General Staff	74	71
(2) Divisional	66	87
(e) Communicable disease investigations	8	6
Number of individuals involved	8	15
(f) Photographs taken	608	469
(g) Courses taken - (1) Swimming pool operators, food-handling, etc	13	9
(2) Number attended	597	238
(h) Courses/seminars attended	17	16
(i) Court duty	3	-

COMPLAINTS RECEIVED - 1983

Month	Housing	Yards/ Properties	Yards Dog Related	Birds	Insects	Animals (Mice) etc.	Water	Milk	Food	Food Stores	P.E.E.	Heating	Garbage/ Refuse	Public/ Commercial Buildings	Recreation Areas	Miscella-neous	TOTAL
January	20	15	7	2	5	-	1	-	4	1	7	7	5	7	1	5	8
February	25	12	6	-	6	1	1	-	3	2	2	2	3	2	1	3	69
March	11	7	4	1	5	1	2	-	-	3	7	4	5	5	5	5	65
April	24	64	19	2	11	15	3	-	5	-	3	-	11	4	-	4	165
May	16	60	17	3	12	5	2	-	2	4	2	3	4	3	1	5	139
June	19	53	16	5	2	13	-	-	1	1	4	-	7	3	5	5	134
July	110	49	10	3	13	8	2	-	2	1	4	-	10	4	2	10	228
August	35	69	20	2	4	5	5	-	2	3	3	-	6	2	3	8	167
September	13	33	13	2	4	6	3	-	3	1	3	-	5	1	1	5	93
October	12	17	1	3	7	6	2	-	4	2	5	-	5	2	-	6	72
November	17	15	3	4	5	8	1	-	3	3	1	4	4	3	-	10	81
December	11	4	2	-	3	3	2	-	1	1	-	8	2	2	1	3	43
TOTAL	313	398	118	27	77	71	24	-	30	22	41	28	67	38	20	69	1313

1 9 8 3 REPORT ON PLACARDED HOUSES

MONTH	DEMOLISHED	REPAIRED	TOTAL
January	7	3	10
February	1	2	3
March	1	3	4
April	1	2	3
May	-	-	-
June	3	1	4
July	4	3	7
August	2	2	4
September	4	1	5
October	2	3	5
November	1	5	6
December	-	4	4
TOTAL	26	29	55

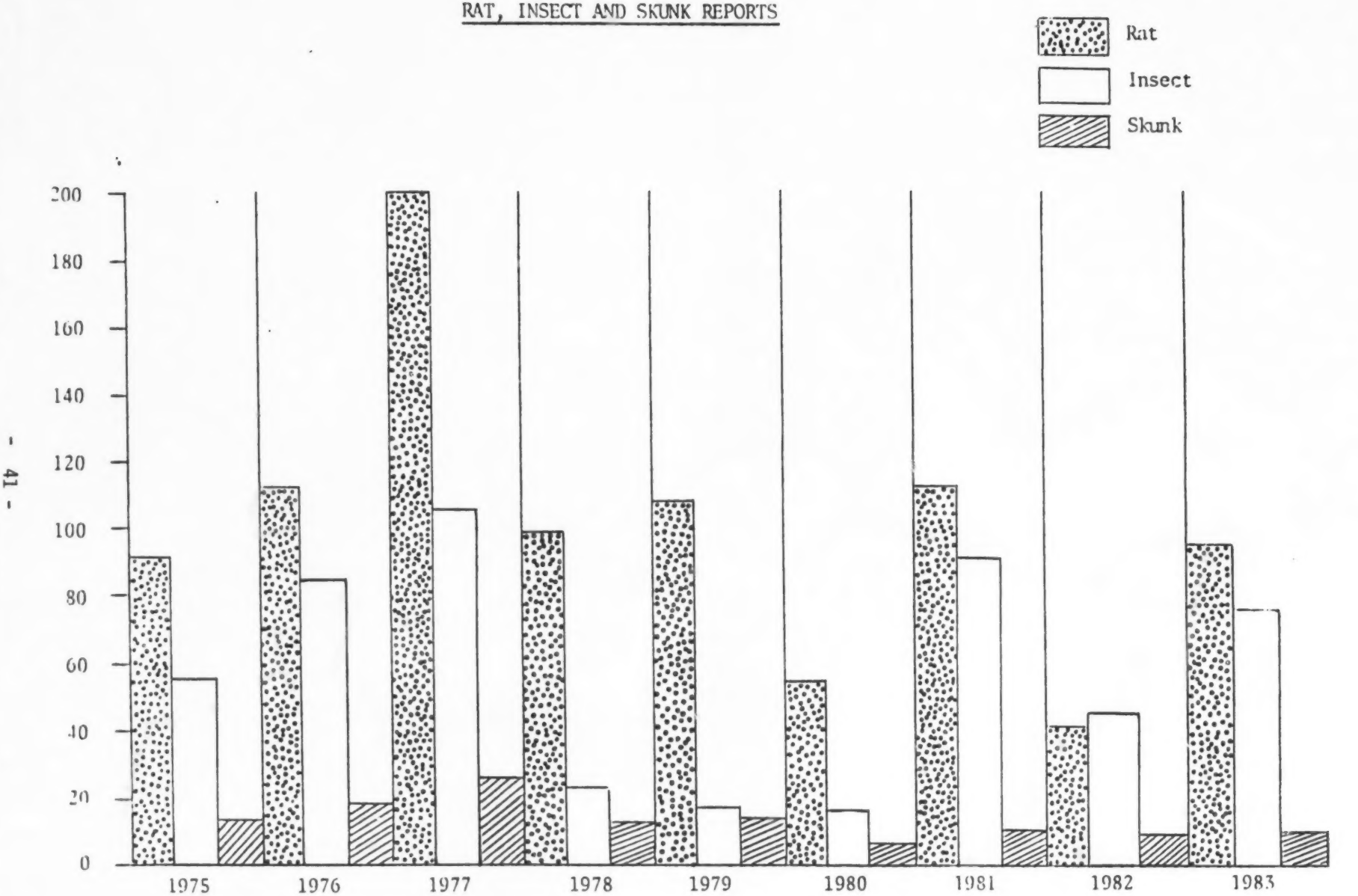
NUMBER OF ANIMAL BITINGS REPORTED IN REGINA BY AGE GROUP - 1983

Age Group	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	%
0-4	1	3	-	2	5	1	3	4	-	-	1	3	23	8.9
5-14	5	5	4	14	18	12	10	11	1	9	4	3	96	37.5
15-24	2	4	-	4	7	1	4	9	1	6	3	1	42	16.4
25-44	2	3	3	3	7	5	8	3	1	3	6	2	46	17.9
45-64	1	-	2	1	2	-	4	4	2	3	1	3	23	8.9
65+	1	-	-	-	1	-	-	2	1	2	-	-	7	2.7
Unknown	-	-	-	3	1	-	2	3	4	1	5	1	20	7.7
Total	12	15	9	27	41	19	31	36	10	24	20	13	257	100.0

REPORTED ANIMAL BITINGS - 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	%
Animal Contained	4	8	5	8	15	6	8	11	3	7	3	6	84	32.7
Animal at Large	4	3	1	11	12	9	8	12	5	6	9	1	81	31.5
Unknown	4	4	3	8	14	4	15	13	2	11	8	6	92	35.8
Sub-total	12	15	9	27	41	19	31	36	10	24	20	13	257	
Dogs	12	14	9	27	36	16	29	34	9	22	16	12	236	91.8
Cats	-	-	-	-	3	1	2	2	1	1	4	1	15	5.9
Rats	-	-	-	-	1	-	-	-	-	-	-	-	1	0.4
Bats	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Skunks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	1	-	-	1	2	-	-	-	1	-	-	5	1.9
TOTAL	12	15	9	27	41	19	31	36	10	24	20	13	257	100.0

RAT, INSECT AND SKUNK REPORTS



Nutrition Division

NUTRITION DIVISION

The Nutrition Division is responsible for nutrition services, programs and policies for the City of Regina. During the past year there was an increase in public demand for these services.

Talks to the Community

School lunch hour programs were presented to ten Regina schools. In addition, 69 educational talks were given to a number of community groups and 66 visits were made to homes, institutions, and schools in Regina to supply requested nutrition information.

Consultant Services

In 1983, over 4,300 citizens were supplied with education materials and information on nutrition. In addition, 389 citizens were individually counselled concerning diets, 180 for weight reduction and 209 for other special dietary needs.

Development of Nutrition Education Resources

Ten information sheets on a variety of nutrition topics were developed to be used as handouts. A number of nutrition information messages were also prepared for H.I.T.T.LINE. In addition, articles were written for several school newsletters and provincial weekly newspapers. A "Week-at-a-Glance" menu which included many low cost nutritious meals was also developed.

Evaluation of Nutrition Materials

The Nutrition Division has evaluated a certain amount of educational material including:

1) A Provincial Public Health Nutrition publication for weight control.
2) A Provincial Public Health Nutrition publication on preschool nutrition.
3) Many films, audio cassettes, filmstrips and slide-tape presentations.
4) A book for Regina Public Library.

Canada Nutrition Month, March 1983

The Nutrition Division was again involved in promoting various activities during Canada Nutrition Month. Once again, public interest in the promotion of nutrition activities seemed very positive.

Mass Media

The Nutritionist and Assistant Nutritionist made seven radio and television appearances in which a variety of nutrition topics were discussed.

Orientation

Nutrition orientation was provided for several professionals in the health field including Public Health Nurses, Nursing Students from the University of Saskatchewan and Regina's Native Community Health Workers.

Workshop

The Nutritionists presented a workshop for Public Health Nurses on nutritional aspects of a Teen Weight Control Program.

NUTRITION DIVISION STATISTICS

	Total 1983	Total 1982
Education Materials and Information to the Community		
Individual members of the public	581	618
Elementary schools	83	89
High Schools	14	92
School boards and superintendents	48	32
Hospital staff	114	138
Physicians	10	6
City Health Department staff	2,641	2,642
Provincial health staff	124	152
Government agencies	260	217
Other special agencies or groups	424	893
Special Diet Consultations		
Reducing diet	180	296
Diabetic diet	37	27
Low cholesterol	29	9
Allergies	59	49
Low sodium diet	11	12
Bland, ulcer and low residue	13	16
Other	60	34
Meetings Attended	111	116
Seminars, Workshops	10	10
Education Talks to the Community		
Elementary school classes	16	2
High school classes	2	3
Community weight control groups	5	2
City Health Department staff	5	8
Community groups	37	30
Other	14	18
Media Interviews, Conferences, etc.	11	26
Office telephone calls from Regina citizens requesting information	2,206	1,861
Visits made by Regina citizens to Nutrition Division for information	1,788	2,278

	Total 1983	Total 1982
Letters sent to Regina citizens concerning general nutrition information and/or special diet information	265	267
Visits made by Nutritionist to home, institutions, schools, etc. to supply nutrition information	66	45
Individual Weight Reduction Counselling		
Approximate hours spent		
- office visits	58	67
- telephone calls	25	23
- field trips	3	3
Individual Special Diet Consultations		
Approximate hours spent		
- office visits	20	11
- telephone calls	30	25

Biostatistics Division

BIOSTATISTICS DIVISION

RESPONSIBILITIES

The Biostatistician maintains a data base for the department and acts as a resource person for data collection procedures. In particular, she monitors, analyzes and interprets birth, death and communicable disease statistics.

The Boarding Care Home Bylaw is administered by this division and some assistance is given to the Buildings and Civic Properties Department in the administration of Bylaw #6849 (respecting smoking in public places.) The division is also involved in activities relating to the promotion of the Health Department and its programs. As well, Quit For Good, a smoking cessation program, is administered by this division.

The role of the Biostatistician involves co-operation in research and planning for the Health Department. She assists the various divisions in evaluating on-going programs and in researching new areas of health concern. In this way she helps the department in its development of future goals and programs. The Biostatistician may assist in or directly plan programs directed at meeting the changing needs of the community. The evaluation of health related bylaws and legislation is also within the scope of this division.

STATISTICS

A number of tables relating data pertinent to the Health Department can be found in the statistical section following this report. In particular a table highlighting vital statistics over the last ten years is on page 50. This table shows that the population has increased approximately 1.4% each year over the last ten years. Birth and death rates have fluctuated little. Infant mortality[1], neonatal mortality[2], perinatal mortality[3], and still-births have generally decreased over the past ten years.

An analysis of Regina births (see page 51) shows that 22.2% of all births were to single mothers and 11.9% were to mothers still in their teen years.

Among Regina deaths, (see page 52) over half are a result of heart disease or cancer. The lifestyle decisions that may affect the development of these diseases are of concern to the Health Department and the promotion of a healthy lifestyle is one of its priorities.

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[1]Less than one year of age
[2]Less than one month of age
[3]Less than one week of age and stillbirths

The rates of occurrence of certain communicable diseases can be seen on page 28. A discussion of these can be found in the Medical Health Officer's report. An analysis of STD (venereal disease) cases (see page 53) shows that almost one quarter are in individuals in their teens. Most STD cases are gonorrhea with only three occurrences of syphilis being reported in 1983.

BYLAWS AND STATUTES

A series of bylaws and provincial statutes relevant to the Health Department and its work are maintained and updated by this division.

BOARDING CARE HOMES AND SPECIAL CARE HOMES

The Regina Health Department is responsible for licensing homes that care for 1 to 3 Senior citizens. In the last few years the number of these licensed homes has diminished and the number of homes caring for 4 to 15 patients has increased. The primary reason for this appears to be the economic viability of the larger home.

Although homes caring for 4 or more patients are under the jurisdiction of the Provincial Housing and Special Care Homes Act, they lack guidelines, standards and licensing procedures. This is of concern not only to operators who wish to be licensed but to relatives of patients using the homes and the Health Department which deals with both licensed and unlicensed homes.

During 1983, the provincial Department of Health held a series of meetings to which those involved with the unlicensed community care homes were invited. The purpose of these meetings was to provide the department with information and recommendations concerning the homes. Following these meetings, the Regina Health Department submitted a report to the Continuing Care Division of Saskatchewan Health. It is expected that the Department of Health will act to deal with the problems and concerns in this area.

REPORTS

This division is involved in the direct writing of reports and researching for other divisions and the administration. Reports may deal with health programs and services or with internal departmental matters.

DEPARTMENT PROMOTION AND HEALTH EDUCATION

The promotion of the Health Department, its programs and services, is an important goal. This division is involved in organizing materials to be used in advertising and promotion. Examples of these include the following:

1) Information for community directories and surveys.
2) Information for the Employee Newsletter.
3) Program advertisements sent out with City Water Bills.
4) The Health Department Annual Report.
5) Contribution to the provincial Health Department's Annual Report.
6) Assist divisions with media advertising.

A number of health education materials were also developed in cooperation with other divisions:

1) Pamphlets and handouts for the Nutrition Division.
2) Two Pamphlets for the Public Health Nursing Division.
3) Development of a nutrition display on "Nutrition Fads and Fallacies."
4) Development of a Public Health Nursing display for a Council for Exceptional Children Workshop.
5) Development of a display on Women's Health for "Femtastic".
6) Display for the S.P.H.A. Annual meeting.
7) Development of a display for the Seniors' Health Fair.
8) Four tapes written for the community HITTLINE series.

SMOKING

As part of its focus towards preventive health, the Health Department has become involved in what has been described as "Canada's Number one preventable health problem."

1. Quit for Good - a smoking cessation program developed by the Health Department is run approximately once a month. Advice is also given on an individual basis to persons who contact the department.

2. National Non-Smoking Week - (January 23 - 29) Promotion of the week (and "Weedless Wednesday") included the following:

1) A banner over the Albert Street bridge.
2) Development of press kits and news releases to the media.
3) "Smokers' Helpline" operated by the Quit for Good staff.
4) Encouragement of teachers to promote the week.
5) Assistance with promotional displays at several hospitals.
6) A "Kick-off" at the Cornwall Centre.
7) Nine media interviews.

3. Hospitals

A blood pressure clinic for employees at the Pasqua Hospital was attended and information supplied to employees interested in quitting smoking.

A talk was also given to twelve nurses from the Cardiac Unit at the Regina General Hospital. The topic concerned methods of helping patients quit smoking.

4. Fifth World Conference on Smoking and Health

The above international conference was attended in Winnipeg. A paper concerning the Quit for Good program was presented at the conference.

5. Committees

The Biostatistician continues to be the Health Departments' representative on the Saskatchewan Interagency Council on Smoking and Health and the Regina Liaison Committee. She was also appointed to be the former committee's representative on the Minister of Health's Committee to recommend strategies in the area of smoking and adolescents.

6. Bylaw No. 6849 - Concerning Smoking in Public Places

Inquiries concerning the bylaw are often received from the public and questions regarding interpretation are answered by this division.

In June, a special eight-month project was begun in which a thorough survey of areas under the jurisdiction of the bylaw was conducted. An employee hired under the Job Creation Program assisted in surveying the areas, recording whether signs were posted and made follow-up visits to determine compliance. The project was mainly concerned with the following areas: retail stores, restaurants, elevators, banks, financial institutions, municipal offices, hospitals, taxis and reception areas. Although the initial investigation indicated that only one-half of the areas investigated had proper signage, following the project, virtually all areas surveyed were in compliance with the bylaw. The project employee reported that in the majority of cases, reaction to the bylaw was positive.

7. Smoking in the Work Place

An increased number of complaints about smoking in the work place was received during 1983. Although the bylaw does not apply to the workplace per se - information was supplied to individuals whose work environment involved dealing with second hand smoke.

CITY OF REGINA - STATISTICS HIGHLIGHTS - 1973 - 1983

	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
POPULATION	169,120	165,952	163,217	161,142	159,474	159,260	157,054	154,107	150,610	147,004	144,942
Percentage change from previous year	1.9	1.7	1.3	1.1	0.1	1.4	1.9	2.3	2.5	1.4	0.1
BIRTHS	3,033	3,033	2,877	2,975	2,994	2,774	2,775	2,796	2,683	2,555	2,739
Rate/1,000 pop.	17.9	18.3	17.6	18.5	18.8	17.4	17.7	18.2	17.8	17.4	18.9
DEATHS	1,001	1,013	885	916	934	981	897	941	927	943	942
Rate/1,000 pop.	5.9	6.1	5.4	5.7	5.9	6.2	5.7	6.1	6.2	6.4	6.5
NATURAL INCREASE	2,032	2,020	1,992	2,059	2,060	1,793	1,878	1,837	1,756	1,612	1,797
Rate/1,000 pop.	12.0	12.2	12.2	12.8	12.9	11.3	12.0	12.0	11.7	11.0	12.4
INFANT MORTALITY	33	27	22	29	27	27	36	28	33	42	50
Rate/1,000 live-births	10.9	8.9	7.7	9.8	9.0	9.7	13.0	10.0	12.3	16.4	18.3
NEONATAL MORTALITY	24	15	17	18	17	22	23	25	22	26	38
Rate/1,000 live-births	7.9	4.9	5.9	6.1	5.7	7.9	8.3	8.9	8.2	10.2	13.9
STILLBIRTHS	20	20	21	20	18	24	21	20	26	26	28
Rate/1,000 live-births	6.6	6.6	7.3	6.7	6.0	8.7	7.6	7.2	10.0	10.2	10.2
MATERNAL MORTALITY	0	0	0	0	0	0	0	0	0	0	0
Rate/1,000 live-births	0	0	0	0	0	0	0	0	0	0	0
PERINATAL MORTALITY	41	31	34	36	29	42	38	43	44	47	62
Rate/1,000 live-births and still births	13.4	10.2	11.7	12.0	9.6	15.0	13.6	15.4	16.2	18.2	22.4

REGINA BIRTHS BY MARITAL STATUS

AND AGE OF MOTHER

1983

AGE	MARITAL STATUS		TOTAL BIRTHS	
	SINGLE AND COMMON LAW	MARRIED AND OTHER	NUMBER	PERCENT
11-14	2	--	2	0.1
15-19	278	79	357	11.8
20-24	250	742	992	32.7
25-29	107	1,024	1,131	37.3
30-34	27	411	438	14.4
35-39	6	95	101	3.3
40-44	2	7	9	0.3
45+	--	1	1	--
Unknown	--	2	2	0.1
TOTAL	672 (22.2%)	2,361 (77.8%)	3,033	100.0%

REGINA DEATHS BY CAUSE - 1983

	Total	Percent
Heart Disease (393 - 429)	321	32.1
Malignant Neoplasms (140 - 209)	247	24.7
Cerebrovascular Disease (430 - 438)	85	8.5
Accidents (E800 - E949)	42	4.2
Pneumonia (480 - 486)	42	4.2
Diseases of the Arteries (440 - 448)	29	2.9
Bronchitis, Emphysema & Asthma (490 - 493)	13	1.3
Certain Causes of Perinatal Mortality (760 - 779)	19	1.9
Diabetes Mellitus (250)	23	2.3
Suicide (E950 - E959)	18	1.8
Congenital Malformation (740 - 759)	16	1.6
Cirrhosis of the Liver (571)	14	1.4
Other Causes	132	13.2
TOTAL:	1001	100.1

NUMBER OF CASES OF VENEREAL DISEASE

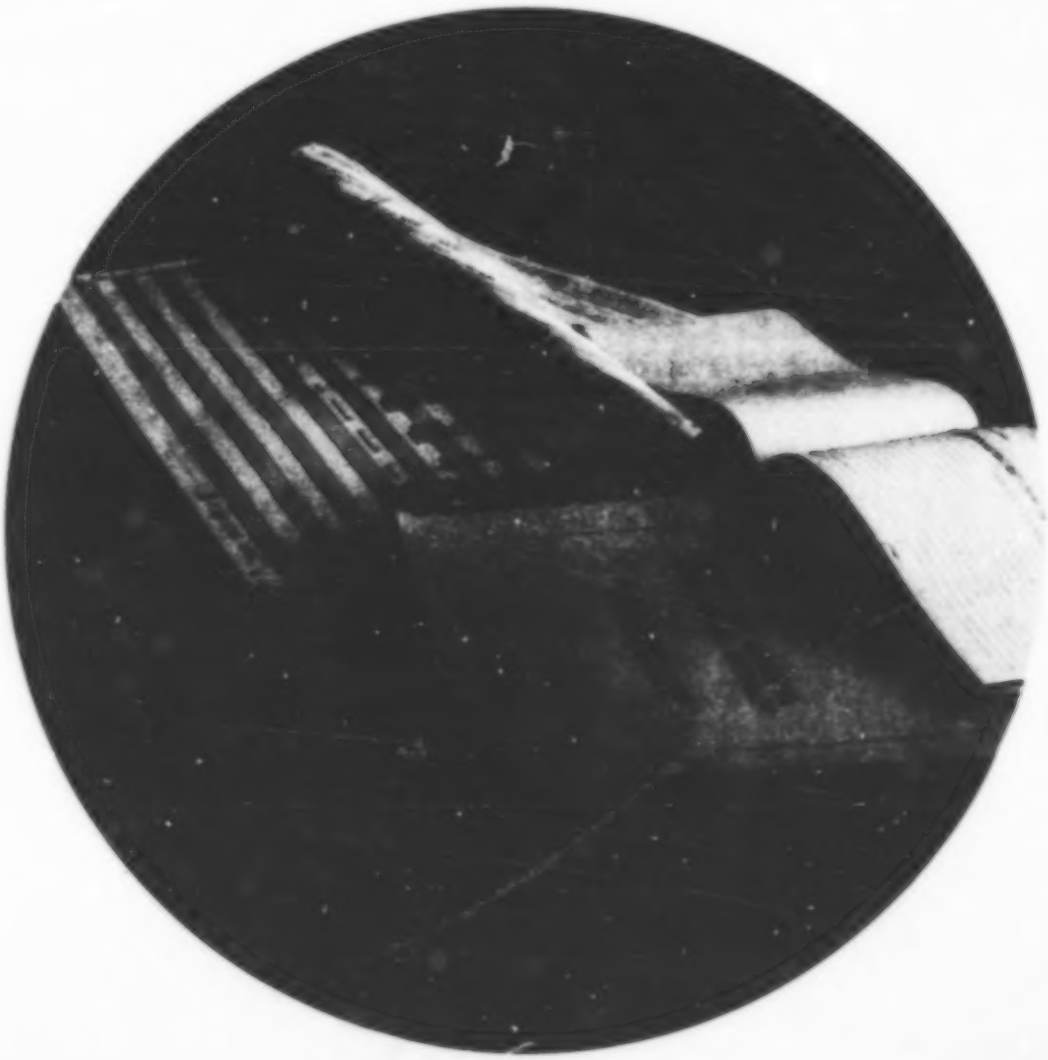
IN REGINA BY AGE AND SEX

1983*

AGE	GONORRHOEA		SYPHILIS		TOTAL	
	MALE	FEMALE	MALE	FEMALE	NUMBER	PERCENT
5-9	--	--	--	--	--	--
10-14	--	3	--	--	3	0.6
15-19	41	75	--	--	116	22.5
20-24	119	74	1	--	194	37.6
25-29	55	34	--	--	89	17.3
30-39	47	14	--	--	61	11.8
40-59	24	3	1	1	29	5.6
Over 60	1	1	--	--	2	0.4
Unknown	13	9	--	--	22	4.3
TOTAL	300	213	2	1		
	513		3		516	100.1

* Source - Saskatchewan Health

Business Office



BUSINESS OFFICE

Budget preparation and control are the primary functions of this division. In 1983, the expenditures totaled $2,240,900 of which 93.5% were for personnel services and the remaining 6.5% for other operating expenses. A more detailed financial statement appears on the following page.

Each year grants are received from the Provincial government which contribute to providing health services for Regina citizens. The per capita grant remained the same in 1983 at $3.35 and based on the SHSP population figure of 169,120 we received $566,522. Other provincial grants are for monitoring of clients on the SAIL (Saskatchewan Aids to Independent Living) Program - $30,400; contact tracing for control of sexually transmitted disease - $2,000. In 1981 we first received monies from the Province for a special project grant and have continued to receive funds for the ongoing services of an immunization nurse and a public health inspector. In 1983 this grant totaled $52,120. A minimal amount of revenue ($3,600) is received from fees - registration fees for programs, licensure of boarding care homes, vaccinations for international travellers.

Other functions of this division include maintenance of both central and branch offices, personnel records and purchasing. The staff consists of one chief clerk, eight clerical staff (five of whom are assigned to other divisions), and three caretakers.

FINANCIAL STATEMENT

AT DECEMBER 31, 1983

EXPENDITURES		
Salaries	$1,837,600	
Contributions to Civic Pension	105,600	
Canada Pension Plan	19,300	
Unemployment Insurance	39,300	
Professional Memberships	4,900	
Car Allowances	92,200	
Uniforms	8,500	
Supplies	21,400	
Laundry	800	
Reference books and subscriptions	3,300	
Audio-Visual materials	3,300	
Microfilming	1,400	
Seminars, conventions, business trips	9,400	
Printing and duplicating	17,100	
Office furniture and equipment	3,500	
Postage	500	
Repairs and building maintenance	6,800	
Telephone	16,000	
Electricity and gas	19,500	
Water and sewer	1,800	
Contracts and miscellaneous	17,800	
Advertising	1,600	
Share of Community Development Project	9,300	
TOTAL		$2,240,900
REVENUE		
Fees:		
Boarding Care Home license fees	200	
Medical Services fees (immunization)	1,400	
Other fees - burial permits $ 100		
- registration fees 1,900	2,000	3,600
Grants:		
Provincial Per Capita	566,600	
Special Projects	52,100	
SAIL	30,400	
Venereal Disease Control	2,000	651,100
TOTAL REVENUE		$ 654,700
From City revenue		$1,586,200
		$2,240,900